ZTE Avid™4G
CDMA/LTE Mobile Phone
User Manual

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Contents

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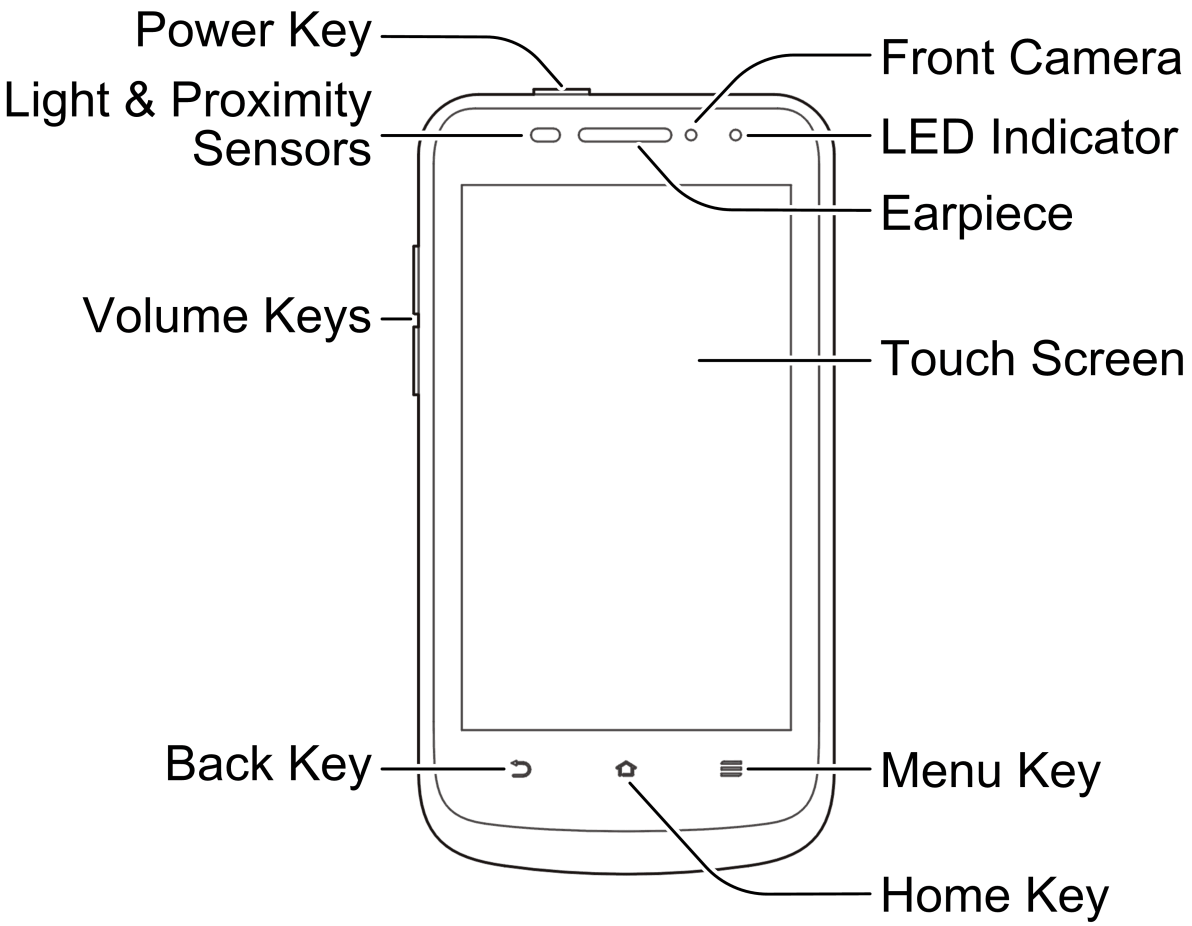
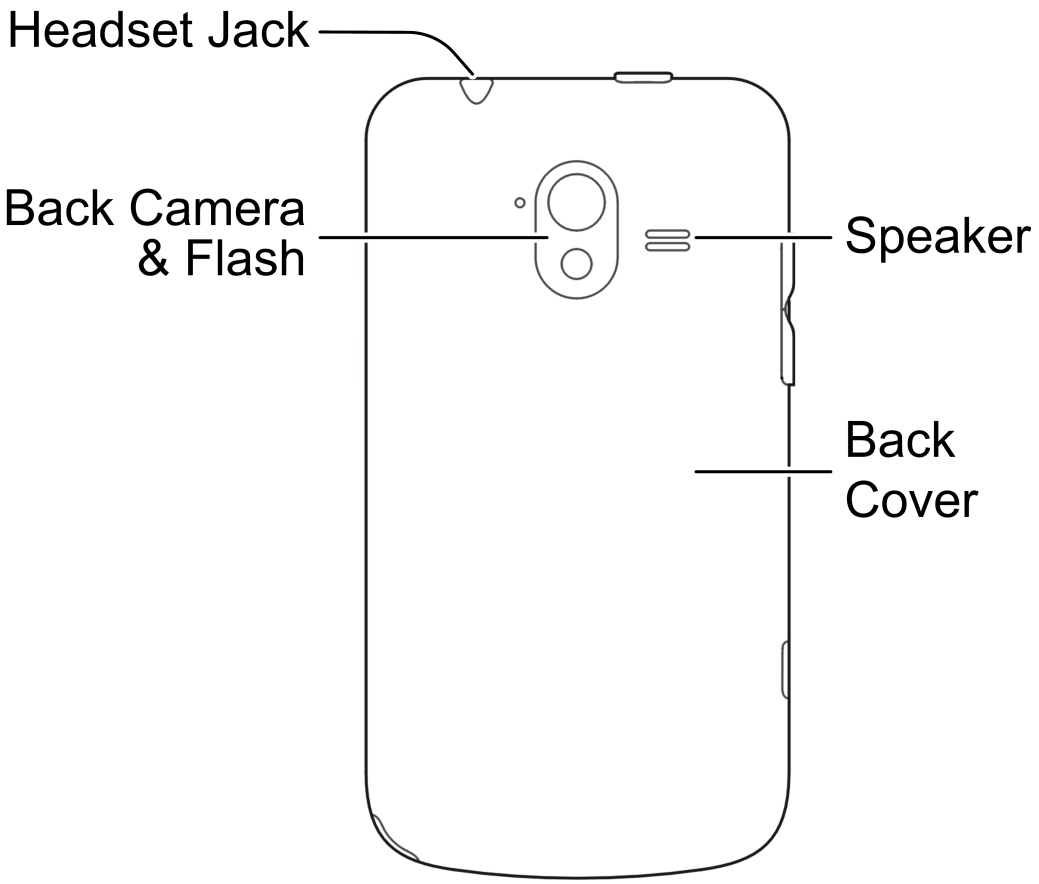
Getting Started

Your Phone at a Glance





Knowing the Keys

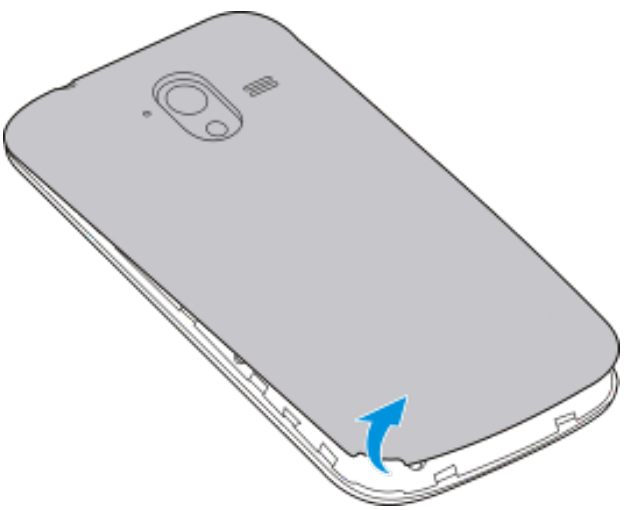
Key	Function
Power Key	• Press and hold to power on, select phone modes, turn on /off airplane mode, restart, or power off. • Press to turn off or on the touch screen.
Home Key	• Touch to return to the home screen from any application or screen. • Touch and hold to see recently used applications.

Key	Function
Menu Key	Touch to get the options for the current screen.
Back Key	Touch to go to the previous screen.
Volume Keys	Press or hold to turn the volume up or down.

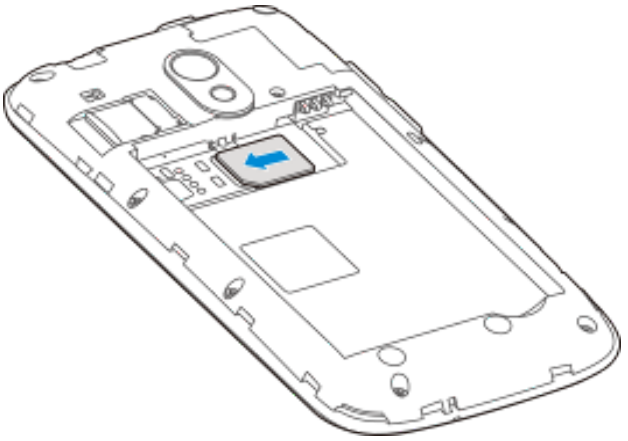
Installing the UICC Card, microSD Card, and Battery

Switch off your phone before installing or replacing the battery or the UICC card. The microSD card can be installed and removed while the phone is turned on. Unmount the microSD card before removing it.

1. Remove the back cover.

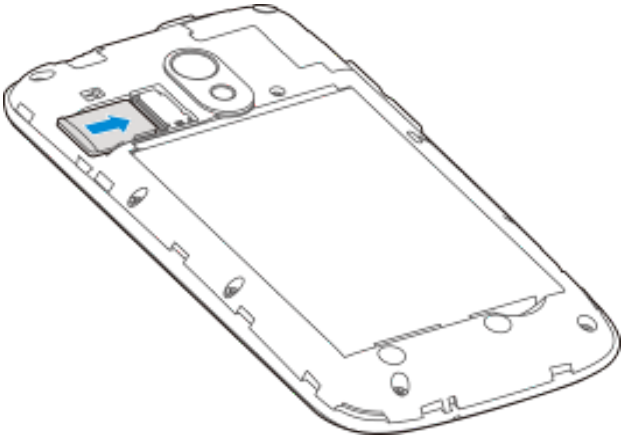


2. To use the 4G LTE network, insert the UICC card with the gold-colored contacts facing down.



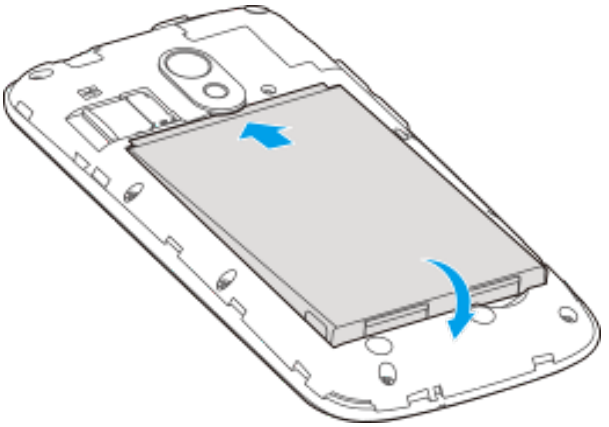
TIP: A soft block beside the UICC card bracket keeps the card in place. You may need to gently press the block down when removing the card from the phone.

3. Hold your microSD card with the metal contacts facing down and slide it in.



NOTE: microSD logo is a trademark of the SD Card Association.

4. Insert the battery by aligning the gold contacts on the battery with the gold contacts in the battery compartment. Gently push down the battery until it clicks into place.

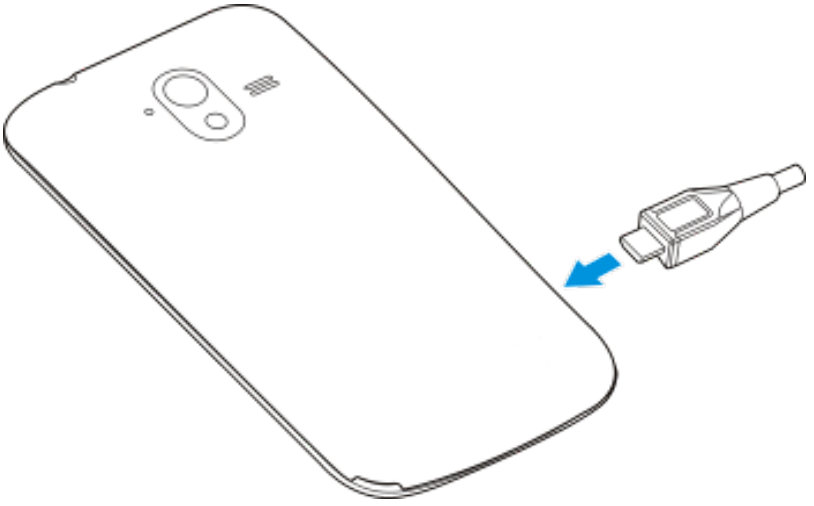


5. Press the cover gently back into place until you hear a click.

Charging the Battery

When you first get your new phone you'll need to charge the battery.

6. Connect the adapter to the charger jack. Ensure that the adapter is inserted with the correct orientation. Do not force the connector into the charger jack.



7. Connect the charger to a standard AC wall outlet.
8. Disconnect the charger when the battery is fully charged.

How much charge have you got?

The phone will prompt you to charge the battery when it is low with a message on the screen. As the phone is being charged, you can see the exact battery level each time you turn on the screen (by pressing the **Power Key**).

If the phone is on, you'll see a charging icon, such as or , appear on the status bar.

Powering On/Off

Make sure the battery is charged before powering on.

- Press and hold the **Power Key** to turn on your phone.
- To turn it off, press and hold the **Power Key** to open the options menu. Touch **Power off** > **OK**.

Setting Up for the First Time

When you first power on your phone after you purchase it or reset it to factory settings (see *Settings – Personal – Backup and Reset*), follow the onscreen instructions to set it up.

1. Touch the language field to select the language you want to use and then touch **Start**.
2. Touch **Get an account** to create a Google account or touch **Sign in** to sign in to your account. You can also touch **Not now** to set up an account later.

   After signing in, configure the Google backup and restore options and touch **Next**. If you are prompted and would like

to make any purchase from the Google Play Store, enter your credit card information and touch **Save**.

3. Configure the Google location options and touch **Next**.
4. Enter your name which the phone uses to personalize some apps and touch **Next**.
5. Touch **Finish** to complete the setup.

NOTE: If the phone cannot connect to a mobile network, it would prompt you to connect to a Wi-Fi network.

Locking/Unlocking the Screen & Keys

You can quickly lock the screen and keys to prevent unwanted operations and protect your privacy.

To lock the screen and keys:

Press the **Power Key**, or leave the phone idle for a while before it automatically gets locked.

To unlock the screen and keys:

1. Press the **Power Key** to turn the screen on.
2. Drag over and release your finger.

NOTE: If you have set a long press lock, a face unlock, an unlock pattern, a PIN or password for your phone (see chapter *Personalizing – Protecting Your Phone With Screen Locks*), you'll need to touch and hold the lock icon, look at your phone, draw the pattern or enter the PIN/password to unlock.

Using the Touch Screen

Your phone's touch screen lets you control actions through a variety of touch gestures.

- Touch

  When you want to type using the onscreen keyboard, select onscreen items such as application and settings icons, or press onscreen buttons, simply touch them with your finger.

- Touch and Hold

  To open the available options for an item, (for example a message or link in a Web page), touch and hold the item.

- Swipe or Slide

  To swipe or slide means to quickly drag your finger vertically or horizontally across the screen.

- Drag

  To drag, press and hold your finger with some pressure before you start to move. While dragging, do not release your finger until you have reached the target position.

- Pinch

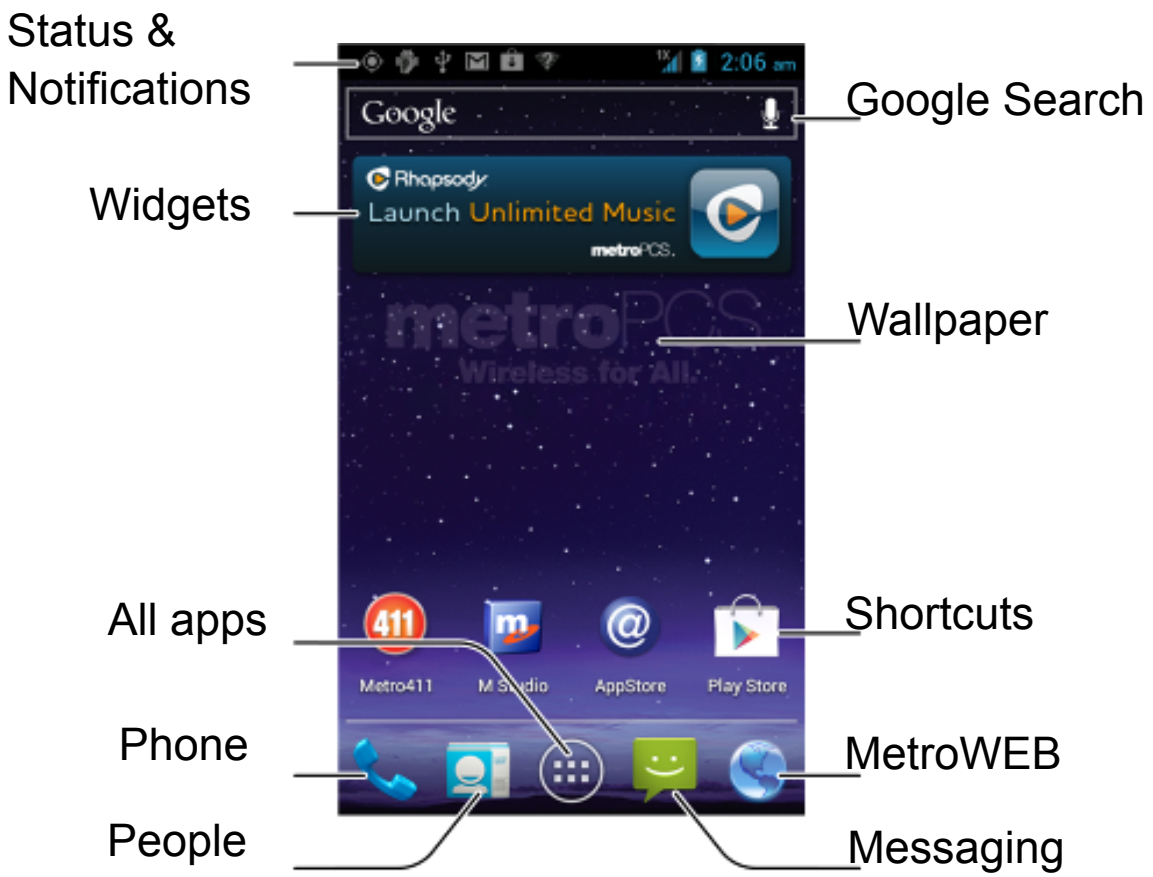
  In some apps (such as Maps and Gallery), you can place two fingers on the screen at once and pinch them together (to zoom out) or spread them apart (to zoom in).

- Rotate the screen

  For most screens, you can automatically change the screen orientation from portrait to landscape by turning the phone sideways.

Getting to Know the Home Screen

The home screen is the starting point for your phone's applications, functions, and menus. You can customize your home screen by adding application shortcuts, folders, widgets, and more.



Extended Home Screens

Your home screen extends beyond the initial screen, providing more space for shortcuts, widgets, and folders. Simply swipe left or right to see the extended home screens.

Personalizing

Changing the System Language

3. Touch the **Home Key > Menu Key > System settings > Language & input > Language**.
4. Select the language you need.

Setting the Date and Time

5. Touch the **Home Key > Menu Key > System settings > Date & time**.
6. Uncheck **Automatic date & time** and **Automatic time zone** if you want to set the date, time and time zone by yourself.
7. Set the date, time, time zone, and date/time format.

Changing Ringtone & Notification Sounds

You can customize the default ringtone for incoming calls and the default notification sound.

8. Touch the **Home Key > Menu Key > System settings > Sound**.
9. Touch **Phone ringtone** or **Default notification**.
10. Scroll through the ringtone list and select the ringtone you want to use.

11. Touch **OK**.

TIP: In addition to setting a default ringtone for all incoming calls, you can assign a special one for any person in your contacts list. See *People – Editing Contacts*.

Adjusting Volumes

12. Touch the **Home Key > Menu Key > System settings > Sound > Volumes**.
13. Adjust the volume for music, video, games, and other media, the ringtone and notification volume, and the alarm volume.
14. Touch **OK** to save.

TIP: You can adjust the media volume when a media application is in use by pressing the **Volume Keys**. If no media application is active, press the **Volume Keys** to adjust ringtone volume (or the earpiece volume during a call).

To enable the silent or vibration mode:

You can set the phone to the silent or vibration mode by using one of the following methods.

- Press and hold the **Power Key** and then touch to enable the silent mode, touch to enable the vibration mode, or touch to disable the silent mode.
- Press and hold the lower end of the **Volume Keys** when no media application is active to switch to vibration mode. Press again to turn off vibration and mute ringtone and notification sound.
- Touch the **Home Key > Menu Key > System settings >**

Sound > Silent mode, and touch **Off**, **Vibrate** or **Mute**.

Applying New Wallpapers

You can set the wallpaper for the home screen or lock screen.

15. Touch the **Home Key > Menu Key > Wallpaper**.
16. Touch **Gallery**, **Wallpapers**, or **Live Wallpapers** and choose the image or animation you want to use as the wallpaper. For Gallery, touch the album first and then the image to start cropping.
17. Touch **DONE** at the top of the screen (for Gallery images) or **Set wallpaper**.

Changing Screen Brightness

18. Touch the **Home Key > Menu Key > System settings > Display > Brightness**.
19. Check **Automatic brightness** to make the phone adjust the screen brightness automatically, or uncheck it to adjust the brightness manually.
20. Touch **OK**.

Protecting Your Phone With Screen Locks

You can protect your phone by creating a screen lock. When enabled, you need to use a long press (touch and hold) or swipe

gesture, look at the phone, draw a pattern or enter a numeric PIN or password, to unlock the phone's screen and keys.

21. Touch the **Home Key > Menu Key > System settings > Security**.
22. Touch **Screen lock**.
23. Touch **Long press**, **Swipe**, **Face Unlock**, **Pattern**, **PIN** or **Password**.

- Touch **Long press** to enable screen lock and allow unlock with a 'touch and hold' gesture. You can unlock the screen by touching and holding at the center of the display.
- Touch **Swipe** to enable screen lock and allow unlock with a 'swipe' or 'drag' gesture. You can unlock the screen by dragging over on the display.
- Touch **Face Unlock** to let the phone capture your face. You can unlock the screen by looking at the phone. You also need to set a pattern or PIN in case the phone cannot recognize your face.
- Touch **Pattern** to create a pattern that you must draw to unlock the screen.
- Touch **PIN** or **Password** to set a numeric PIN or a password you must enter to unlock your screen.

The next time you turn on your phone or wake up the screen, you must long press, swipe, look at the phone, draw your unlock pattern or enter your PIN or password to unlock it.

Protecting Your Phone With Encryption

You can encrypt all the data on your phone to protect your privacy. If you do, you must enter a numeric PIN or password each time you power on the phone.

WARNING! Encryption is irreversible. The only way to revert to an unencrypted phone is to perform a factory data reset, which erases all your data.

Before turning on encryption, prepare as follows:

- Set a PIN or password as the screen lock.
- Charge the battery.
- Keep the phone connected to the charger.
- Schedule an hour or more for the encryption process: you must not interrupt it or you will lose some or all of your data.

When you're ready to turn on encryption:

24. Touch the **Home Key > Menu Key > System settings > Security > Encrypt phone**.
25. Read the information about encryption carefully.

    The **Encrypt phone** button is dimmed if your battery's not charged or your phone's not plugged in.

    WARNING! If you interrupt the encryption process, you will lose data.
26. Touch **Encrypt phone**.
27. Enter your lock screen PIN or password and touch **Next**.
28. Touch **Encrypt phone** again.

The encryption process starts and displays its progress. Encryption can take an hour or more, during which time your phone may restart several times.

When encryption is completed, you're prompted to enter your PIN or password.

Knowing the Basics

Monitoring the Phone Status

The status bar at the top of the home screen provides phone and service status icons on the right side. Below are some of the icons you may see.

	CDMA 1X connected		No signal
	CDMA EVDO connected		Signal strength
	LTE connected		Mobile data in use
	Airplane mode		Ringer off
	Battery dead		Vibrate mode
	Battery low		Bluetooth on
	Battery partially drained		Connected to a Wi-Fi network
	Battery full		Wi-Fi in use
	Battery charging		Wired headset connected
	Alarm set		

Managing Notifications

Notification Icons

The status bar at the top of the home screen provides

notification icons on the left. Below are some of the icons you may see.

	New SMS		microSD card unmounted
	New MMS		microSD card removed
	New Email		Upcoming event
	New Gmail message		Updates available
	New Google Talk instant message		New Wi-Fi network detected
	Problem with SMS/ MMS delivery		Downloading/receiving a file
	Missed call		Sending a file
	Call in progress		USB tethering is on
	USB connected		4G mobile Wi-Fi hotspot on
/	Song is playing		GPS on

Open/Close the Notification Panel

You can open the notification panel to view the details of notifications on the status bar.

- To open the notification panel, swipe your finger down from the top of the screen.
- To close the notification panel, swipe your finger up from the bottom of the screen or touch the **Back Key**.

Respond to or Remove a Notification

In the notification panel, you can respond to a notification or remove it.

- To respond to a notification, just touch it.
- To remove a notification, swipe it left or right.
- To remove all notifications, touch .

TIP: In the notification panel, touch to get the **Settings** menu.

Use Quick Settings

Open the notification panel and you can turn on or off some frequently used features with the buttons at the top, including sound, Wi-Fi, Bluetooth, GPS, and airplane mode.

Managing Shortcuts and Widgets

Add Shortcuts and Widgets

29. Touch the **Home Key >** .
30. If you want to add a widget, touch **WIDGETS**.
31. Touch and hold a widget or an app icon and drag it to the home screen.

Move Shortcuts or Widgets

32. Touch and hold a widget or shortcut on the home screen.
33. Drag it to the place you need.

Remove Shortcuts or Widgets

34. Touch and hold a widget or shortcut on the home screen.
35. Drag it to

to remove it.

Adjust Widget Size

36. Touch and hold a widget on the home screen and then release it.
37. An outline appears around the widget. Drag the outline to resize the widget.

NOTE: Not all widgets can be resized.

Organizing With Folders

You can create folders on the home screen and add several shortcuts in a folder.

Create a Folder

1. Touch and hold a shortcut on the home screen.
2. Drag the shortcut icon up to

and release your finger. A new folder is created and the shortcut is added into the folder.
3. If needed, drag more shortcuts and drop them into the folder.

Rename a Folder

38. Touch a folder to open it.
39. Touch the folder name field and enter a new name.

Remove Shortcuts From a Folder

40. Touch a folder to open it.
41. Touch and hold the shortcut you want to remove and then drag it to the home screen.
42. Release the shortcut and it will be removed from the folder.

Rearranging the Favorites Tray

The home screen includes a customizable favorites tray at the bottom visible from all home screens. You can drag shortcuts and folders into the favorites tray for quick access to often used features.

The favorites tray can hold up to four items. You can drag items from the favorites tray to the home screen.

Entering Text

You can enter text using onscreen keyboards. Touch a text field to display the keyboard. You can touch the **Back Key** to hide it.

Change Input Methods

43. Touch a text field to display an onscreen keyboard. The icon appears on the status bar.
44. Open the notification panel and touch **Select input method**.

45. Touch the input method you need.

Swype Text Input

While you can touch the onscreen keyboard to enter text, Swype Text Input can also speed up text input with a tracing finger gesture where you move your finger from letter to letter without lifting the finger until you reach the end of the word.

- Touch the alphabetic keys to enter letters. Touch and hold a key to enter the number or symbol located at the top of the key. Keep holding the key to bring up a series of characters available for that key, including associated accented letters, symbols or numbers.

  For example, in English mode, touch and hold

 to enter **5**. Keep holding the key to open a character and number list. You can select to enter **t**, **þ**, **^**, or **5**.
- Touch to use uppercase or lowercase. This key also indicates the current case: for lowercase, for uppercase, and when locked in uppercase.
- Touch

 to change the text input language. Touch and hold this key to open a pop-up menu for language selection.

- Touch to select numbers and symbols. Touch to enter the alternate symbol on a key. Touch to go back to enter letters. Touch and hold to open a 10 key adding machine style keyboard.
- Hold or touch to open an emoticon list. You can touch to find more emoticons.
- Touch to delete a character before the cursor. Touch and hold to delete an entire word.
- Touch to start a new line.
- Touch to use voice input.
- Touch and hold to open the Swype settings.

To enter text via Swype:

Move your finger from letter to letter to trace a word without lifting the finger until you reach the end of the word.

The following example shows how to enter the word “here”. Put your finger on “h”, and without lifting, slide it to “e”, and then to “r”, and back to “e”. When complete, lift your finger off the screen and the matched words are displayed.

Tips for using Swype Text Input:

- To enter double letters, scribble slightly or make a loop on the letter. For example, to get the "ll" in "hello", scribble (or make a loop) on the "l" key.
- Lift your finger at the end of the word. A space is added automatically when you “Swype” the next word.

Android Keyboard

The Android Keyboard provides a layout similar to a desktop computer keyboard. In some applications, you can turn the phone sideways to use a larger keyboard in landscape display.

- Touch the alphabetic keys to enter letters. Touch and hold some specific keys to enter associated accented letters or numbers. For example, to enter è, touch and hold e and then slide to choose è.
- Touch to use uppercase. Double-tap to lock uppercase. This key also changes to indicate the current case you are using: for lowercase, for uppercase, and when locked in uppercase.
- Touch to delete the text before the cursor.
- Touch ?123 to select numbers and symbols. You can then touch =\< to find more. Also, often used symbols are displayed above the keyboard.
- Touch and hold ?123 and then swipe to choose the emoticons.
- Touch to use Google's networked voice input.
- Touch to change the input languages or set up the Android keyboard.

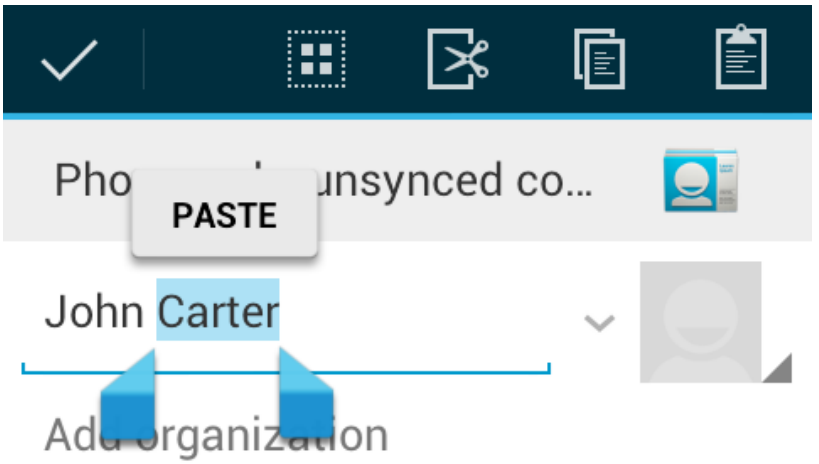
Touch Input Settings

Choose the touch input settings by touching the **Menu Key > System settings > Language & input** from the home screen.

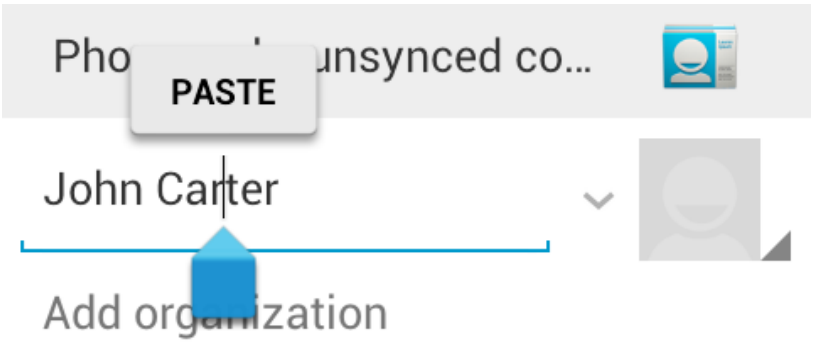
In the **KEYBOARD & INPUT METHODS** section, you can set the default input method and choose the settings for input methods.

Editing Text

- **Move the insertion point:** Touch where you want to type. The cursor blinks in the new position. Drag the tab that appears below the cursor to move the insertion point.
- **Select text:** Touch and hold or double-tap the text. The nearest word highlights. Drag the tabs at either end of the selection to change the selected text.
- **Cut or copy:** Select the text you want to manipulate. Then touch the Cut or Copy button to cut or copy the text to the clipboard.
- **Replace text with the clipboard text:** Select the text you want to replace. Then touch or **PASTE**.



- **Insert text from the clipboard:** Move cursor to the insertion point and then touch and hold the tab below the cursor. Release the finger and touch **PASTE**.



Opening and Switching apps

Open an App

46. Touch the **Home Key**, then touch .
47. Slide left or right on the screen and touch an app to open it.

Switch Between Recently Opened Apps

48. Touch and hold the **Home Key**.

A list opens, showing the names and thumbnails of apps you've used recently. You can scroll the list up and down.

49. Touch a thumbnail to open that app.

    You can swipe a thumbnail sideways to remove it from the list.

Connecting to Networks and Devices

Connecting to Mobile Networks

Get Data Services When Roaming

50. Touch the **Home Key > Menu Key > System settings > More > Mobile networks**.
51. Check **Data roaming**.

IMPORTANT: Data roaming may incur significant roaming charges.

Select Permitted Roaming Systems

52. Touch the **Home Key > Menu Key > System settings > More > Mobile networks**.
53. Touch **System select** and choose if you want to restrict roaming to MetroPCS systems only.

Connecting to Wi-Fi

Wi-Fi provides wireless Internet access at distances of up to 100 meters, depending on the Wi-Fi router and your surroundings.

Turn Wi-Fi On and Connect to a Wi-Fi Network

54. Touch the **Home Key > Menu Key > System settings > Wi-Fi**.
55. Slide the Wi-Fi switch to the ON position to turn on Wi-Fi.

    You phone automatically searches for Wi-Fi networks in range and displays their names and security settings. Your phone also connects to previously linked networks when they are in range.
56. Touch a network name to connect to it. If the network is secured, enter a password or other credentials.

Add a Wi-Fi Network

You can add a Wi-Fi network if it does not broadcast its name (SSID), or when it is not in range.

57. Touch the **Home Key > Menu Key > System settings > Wi-Fi**.
58. Slide the Wi-Fi switch to the ON position.
59. Touch **ADD NETWORK** and enter the network SSID (name). If necessary, enter security or other network configuration details.

60. Touch **Save**.

Connecting to Bluetooth Devices

Bluetooth® is a short-range wireless communication technology. Phones or other devices paired through Bluetooth can exchange information wirelessly within a distance of about 10 meters.

Turn Bluetooth On/Off

61. Touch the **Home Key > Menu Key > System settings > Bluetooth**.
62. Slide the Bluetooth switch to the ON or OFF position.

When Bluetooth is on, the icon appears in the status bar.

Make Your Phone Visible

In order for other phones or devices that have Bluetooth to be able to find your device, you need to make your phone ‘visible’ to them.

63. Touch the **Home Key > Menu Key > System settings > Bluetooth**.
64. Slide the Bluetooth switch to the ON position.
65. Touch your device name near the top of the screen to make your phone invisible or visible to nearby Bluetooth devices.

NOTE: Touch the **Menu Key > Visibility timeout** to set the Bluetooth visibility timeout of your phone.

Pair With a Bluetooth Device

66. Touch the **Home Key > Menu Key > System settings > Bluetooth**.
67. Slide the Bluetooth switch to the ON position.
68. Your phone automatically scans for and displays the IDs of all available Bluetooth devices in range. You could touch **SEARCH FOR DEVICES** if you wanted to scan again.
69. Touch the device you want to pair with.

Follow the instructions to complete the pairing. If you're prompted to enter a passcode, refer to the document for the other Bluetooth device for information on pairing mode and PIN.

TIP: For some Bluetooth devices, such as a Bluetooth headset, you may need to touch it on the paired devices list after pairing to get connected before you can use it normally.

Connecting to Your Computer via USB

You can connect your phone to a computer with a USB cable and transfer music, pictures, and other files in both directions. Your phone stores these files in internal storage or on a removable microSD card.

If you are using USB tethering, you must turn that off before you can transfer files.

Connect Your Phone to a Computer via USB

70. Connect your phone to the PC with a USB cable. A menu opens showing available connection types.

TIP: You can also open the notification panel and touch **Connected as …** to open the connection types menu.

71. Choose one of the following options:
    - **Charge only:** Charge your phone via USB.
    - **Media device (MTP):** Transfer media files on Windows, or using Android File Transfer on Mac.
    - **Camera (PTP):** Transfer photos using camera software, and transfer any files on the computers that don't support MTP.
    - **Install driver:** Install the driver needed for connecting your phone to your PC software, as a media device or camera, or to share mobile network. You only need to install the driver on the same PC once.

To disconnect the phone from the computer, simply unplug the USB cable when you're finished.

Remove the microSD Card From Your Phone

If you need to remove the microSD card while the phone is on, you should unmount it first.

72. Touch the **Home Key > Menu Key > System settings > Storage**.
73. Scroll down and touch **Unmount SD card > OK**.
74. The icon appears in the status bar and you can now safely remove the microSD card from the phone.

Erase microSD Card

You can erase all data on the microSD card.

75. Touch the **Home Key > Menu Key > System settings > Storage**.
76. Scroll down the screen and touch **Erase SD card > Erase SD card > Erase everything**.

CAUTION: The files on the card CANNOT be retrieved after the process.

Sharing Your Mobile Data Connection

You can share your phone's data capabilities through tethering or by activating the mobile hotspot feature to create a portable Wi-Fi hotspot.

Share Your Mobile Data Connection via USB

You can access the Internet on your computer via the USB tethering feature of your device. The feature needs 4G mobile network connection and may result in data charges.

NOTE: If your phone has a microSD card or USB storage, you can't mount it on your computer while USB tethered.

77. Connect your phone to your computer with a USB cable. You may need to install the driver first (see *Connecting to Networks and Devices – Connecting to Your Computer via USB – Connect Your Phone to a Computer via USB*).
78. Touch the **Home Key > Menu Key > System settings > More > Tethering & portable hotspot**.

79. Check **USB tethering**. A new network connection will be created on your computer.
80. To stop sharing your data connection, uncheck **USB tethering** or disconnect the USB cable.

Share Your Mobile Data Connection as a Wi-Fi Hotspot

You can share your phone's mobile data with other devices by turning the phone into a portable Wi-Fi hotspot. The feature needs 4G network connection and may result in data charges.

NOTE: When the portable Wi-Fi hotspot feature is enabled, you cannot use your phone to access the Internet via Wi-Fi. You still remain connected to the Internet via your mobile data.

81. Touch the **Home Key >** **> 4G Mobile Hotspot**.
82. Touch **OK** to close the reminder and check **4G Mobile Hotspot**.
83. After a moment, the phone starts broadcasting its Wi-Fi network name (SSID). You can use other devices to search for the hotspot and connect to it.

To stop sharing, uncheck **4G Mobile Hotspot**.

TIP: To make your hotspot distinct from others and protect it from unauthorized use, you can touch the **Menu Key > Configure mobile hotspot** to rename the hotspot (Network SSID) and change its security setting.

Connecting to Virtual Private Networks

VPNs are commonly deployed by corporations, schools, and other institutions to let people access local network resources from outside the network.

Depending on the type of VPN you are using, you may be required to enter your login credentials or install security certificates before you can connect to your VPN. You can get this information from your network administrator.

Add a VPN

84. Touch the **Home Key > Menu Key > System settings > More > VPN**.
85. Touch **Add VPN network** and fill in the information provided by your network administrator.
86. Touch **Save**.

TIP: Touch and hold a VPN to edit or delete it.

Connect to a VPN

87. Touch the **Home Key > Menu Key > System settings > More > VPN**.
88. Touch the VPN that you want to connect to.
89. When prompted, enter any requested credentials, then touch **Connect**.

Phone Calls

You can place calls from the Phone app, the People app, or other apps or widgets that display contact information. Wherever you see a phone number, you can usually touch it to dial.

Placing and Ending Calls

Place a Call by Dialing

90. Touch the **Home Key**, then touch .
91. In the dialer tab , enter the phone number with the on-screen keypad. Touch to delete incorrect digits.

    NOTE: As you enter digits, your phone searches for contacts that match. If you see the number you want to dial, touch next to it in order to place the call immediately without entering the rest of the number.
92. Touch the Phone icon below the keypad to dial.

TIP: To make an international call, touch and hold the 0 key to enter the plus (+) symbol. Next, enter the country code, followed by the city/area code and then the phone number.

End a Call

Touch to end the call.

Answering or Rejecting Calls

When you receive a phone call, the Incoming Call screen opens, displaying the Caller ID or the information about the caller that you've entered in People. You can answer or reject the call, or reject it with a text message.

Answer a Call

When you receive a phone call, drag over to answer the call.

NOTE: To silence the ringer before answering the call, press the **Volume Keys** up or down.

Reject a Call

When you receive a phone call, drag over to reject the call.

You can also drag over to reject the call and send a preset text message to the caller.

TIP: To edit the text response from within the Phone app, touch the **Menu Key > Settings > Excuse Messages** and then touch a message.

Working With the Call Log

The Call Log is a list of all the calls you've placed, received, or missed. It provides a convenient way to redial a number, return a call, or add a number to your contacts.

To open the call log, touch the **Home Key >** **> Call Log** or touch the tab in the Phone app.

Place a Call From the Call Log

1. Open the call log.
2. Touch beside a number to call back.

NOTE: You can touch a number to view more information about the calls. Touch at the bottom of the screen to select the call log type you want to view.

Add a Call Log Number as a Contact

1. Open the call log.
2. Touch a number to view call history with that number.
3. Touch .
4. To add the number to an existing contact, touch a contact in the list. To add a new contact, touch **CREATE NEW CONTACT**.

Delete the Call Log

1. Open the call log.
2. Touch the **Menu Key > Clear call log**.
3. Touch **OK** to delete all call logs.

NOTE: You can also touch a record in the call log screen, and touch the **Menu Key > Remove from call log** to delete all records of that number in the call log.

Calling Your Contacts

1. Touch the **Home Key**, then touch and then touch the People tab .
2. Flick the screen up or down to view all contacts with phone numbers.

   TIP: Your favorite contacts and frequently called contacts or numbers are listed at the top of the screen. You can also touch to search for a contact.
3. Touch a contact or number to call it.

Checking Voicemail

1. Touch the **Home Key**, then touch .
2. Touch and hold the 1 key in the dialer. If prompted, enter your voicemail password.
3. Follow the voice prompts to listen to and manage your voicemail messages.

NOTE: To set your voicemail service, touch the **Menu Key > Settings** in the dialer and touch **Voicemail service** or **Voicemail settings**. For detailed information, please contact the service provider.

Using Options During a Call

During a call, you will see a number of onscreen options. Touch an option to select it.

- Touch to turn on or off the speakerphone.
- Touch to mute or unmute your microphone.
- Touch to make another call separately from the first call, which is put on hold.
- Touch to switch to the dialer, for example to enter a code.
- Touch to merge the separate calls into a single conference call.
- Touch to end the current call.

WARNING! Because of higher volume levels, do not place the phone near your ear during speakerphone use.

Managing Multi-party Calls

When the call waiting and three-way call features are available, you can switch between two calls or set up a conference call.

NOTE: The call waiting and three-way call features need network support and may result in additional charges. Please contact your service provider for more information.

Switch Between Current Calls

If a new call comes in while you're on a call, drag over to answer the call. The first call is put on hold and the new call is connected.

To switch between the two calls, touch **SWAP**.

Set Up a Conference Call

With this feature, you can talk to two people at the same time.

1. Place a call.
2. After the call is connected, touch and dial the second number. The first call is put on hold automatically.
3. When the second call is connected, touch .

If one of the people you called hangs up during your call, you and the remaining caller stay connected. If you set up the conference call, touch and both lines are disconnected.

Adjusting Your Call Settings

Touch the **Home Key >** **>** dialer tab **> Menu Key > Settings** to open the call settings menu.

Excuse Messages	Edit quick responses to rejected callers. See *Phone Calls – Answering or Rejecting Calls – Reject a Call*.
Voicemail service	Select a voicemail service provider.
Voicemail settings	Specify a voicemail number.
Call Timers	View and clear call timers and data statistics.
TTY mode	Select a TTY mode for your phone to work with a teletypewriter, or to turn TTY off.
Hearing aids	Turn on or off hearing aid compatibility.
DTMF Tones	Set the length of DTMF tones.

Speed dial	Set speed dialing keys and numbers.
Auto-Answer	Have the phone automatically answer incoming calls after an amount of time you set.
Additional settings	Set the international dialing code and allow the phone to replace ‘+’ in the phone number with the international dialing code when you make a call.

People

You can add contacts on your phone and synchronize them with the contacts in your Google account or other accounts that support contact syncing.

To see your contacts, touch the **Home Key**, then touch . From there, you can touch the tabs on the top of the screen to quickly switch to the contact groups or favorite contacts .

Adding a New Contact

1. Touch the **Home Key**, then touch and touch the all contacts tab .
2. Touch , or **Create a new contact** (if there are no contacts).
3. Touch the account field near the top of the screen to choose where to save the contact. If a sync account is selected, the contacts can be synced automatically with your account online.
4. Enter the contact name, phone numbers, email addresses, and other information.
   TIP: Scroll to the bottom and touch **Add another field** to add more types of information.
5. Touch **DONE** to save the contact.

NOTE: Touch **Set up my profile** or your name, whichever is at

the top of the contact list, to set up your own business card which can be exchanged electronically with other devices through messaging, email, or Bluetooth.

Transferring Contacts

You can import/export contacts from/to your microSD card. This is useful when you need to transfer contacts between different devices. You can also quickly share your contacts using Bluetooth, email or messages.

Import Contacts From the microSD Card

Before importing, you may need to export contacts on another device to a vCard file (see the device's instructions on how to export) and copy it to the phone's microSD card.

1. Touch the **Home Key**, then touch .
2. Touch the **Menu Key > Import/export > Import from SD card**.
3. Select an account in which to save the contacts.
4. If there are more than one vCard files on the microSD card, choose whether to import one, multiple, or all of them, then touch **OK**.
5. Select the vCard file(s) on the microSD card and touch **OK** to begin importing.

Export Contacts to the microSD Card

1. Touch the **Home Key**, then touch .
2. Touch the **Menu Key > Import/export > Export to SD card**.
3. The phone will prompt you with the name of the vCard file. Touch **OK** to create the file on the microSD card.

Share Contacts

Share selected contacts as a vCard file by sending it via Bluetooth or as an attachment in a mail or message.

1. Touch the **Home Key**, then touch and then touch the all contacts tab .
2. Touch the **Menu Key > Select item(s)**.
3. Touch the contacts you want to share to select them and then touch .
4. Choose to share the contacts via **Bluetooth**, **Email**, **Gmail** or **Messaging**.

Working With Favorite Contacts

Your phone automatically adds frequently used contacts to the favorite contacts tab. You can also manually add contacts to favorites.

1. Touch the **Home Key**, then touch and touch the all contacts tab .

2. Touch a contact and then touch ★ next to the contact name to add it to favorites. Touch ★ to remove from favorites.

Working With Groups

View Your Contact Groups

1. Touch the **Home Key**, touch and then touch the contact groups tab .
2. Scroll through the list to view the preset groups and any groups you have created.
3. Touch a group to view its members.

NOTE: To send messages to the group members, you can touch next to the group and select message recipients from the listed group members.

Add a New Group and Members

1. Touch the **Home Key**, touch and then touch the contact groups tab .
2. Touch to create a new group.
3. Touch the account field on the top of the screen to choose an account for the group.
4. Enter the group name and touch **DONE**.
5. Touch .
6. Touch the contacts you wish to select as the group members.

NOTE: You can only add contacts that belong to the same account as the group.

7. Touch .

NOTE: After a group is created, you can open it and touch the **Menu Key** to change the group name (**Rename group**), delete the group (**Disband group**), or select group members (**Select item(s)**) and remove them from the group.

Searching for a Contact

1. Touch the **Home Key**, then touch .
2. Touch at the bottom of the screen.
3. Input any contact information (such as name, organization, or number). The contacts matched will be listed.

Editing Contacts

1. Touch the **Home Key**, then touch .
2. Touch a contact and then touch the **Menu Key**.
   - Touch **Edit** to edit the contact.
   - Touch **Delete** to delete the contact.
   - Touch **Share** to send the contact information as a vCard file via Bluetooth, mail, or message.
   - Touch **Set ringtone** to select a special ringtone for the contact.

- Check **All calls to voicemail** to have all calls from the contact sent directly to your voicemail.

Accounts

Adding an Account

You can add multiple Google Accounts, email accounts, and Microsoft Exchange ActiveSync accounts. You may also add other accounts, depending on the apps installed on your phone.

93. From the home screen, touch the **Menu Key > System settings > Accounts & sync**.
94. Touch **ADD ACCOUNT**.
95. Touch the type of account you want to add.
96. Follow the onscreen steps to enter the information about the account. Most accounts require a username and password, but the details may vary. You may also need to obtain some information from IT support or your system administrator.

When the account is successfully added, it is displayed in the **Accounts & sync** list.

To remove an account you have added, touch it in the **Accounts & sync** list and then touch the **Menu Key > Remove account > Remove account**.

Configuring Sync Settings

97. Open the **Accounts & sync** screen.

    Your accounts and sync status are displayed. The icon turns green if auto-sync is enabled for some or all of the

account's data, and gray if auto-sync is disabled.

98. Touch the **ON/OFF** switch to turn on or off auto-sync for all accounts.
    - When auto-sync is on, changes you make to information on your device or on the web are automatically synced with each other.
    - When auto-sync is off, you need to sync manually to collect emails, updates, or other recent information.
99. Touch the account whose sync settings you want to change. The **Sync settings** screen appears, showing a list of information the account can sync.
100. When auto-sync is on, check or uncheck items as you need. Checked types of information on the device and the web will be kept in sync.

Syncing Manually

1. Open the **Accounts & sync** settings screen.
2. Touch the account whose data you want to sync.
3. Touch the **Menu Key > Sync now**.

If auto-sync is on, only checked types of information is synced.

Email

Touch in the home screen and select **Email**. Use it to read and send emails from services other than Gmail.

Setting Up the First Email Account

1. When you open **Email** for the first time, enter your email address and password and then touch **Next**.

   NOTE: Your device will connect to the Internet and verify incoming and outgoing server settings before proceeding to the next step. If the email service provider is not in the phone's database, you need to select the type of your account and enter server settings manually. Please contact your email service provider for more information.

2. Set the email checking frequency, download options, account name and other settings. Touch **Next** when you finish.

Your phone will show the inbox of the email account and start to download email messages.

TIP: To add more email accounts, open **Email** to get the Inbox screen. Then touch the **Menu Key > Account settings** and touch **ADD ACCOUNT** at the top right of the screen.

Checking Emails

Your device can automatically check for new emails at the interval you set when setting up the account.

You can also check new emails manually by touching in any of the email account's boxes. Touch **Load more messages** at the bottom of the email list to download earlier messages.

Replying to or Forwarding an Email

1. Open the email you want to reply to or forward from Inbox.
2. Do the following as you need:
   - To reply to the sender, touch **> Reply**.
   - To reply to the sender and all other recipients of the original message, touch **> Reply all**.
   - To forward the email, touch **> Forward**.
3. Edit your message and touch .

Deleting an Email

You can delete an email from its folder. You can also delete a batch of emails.

- While reading a message, touch **> OK**.
- While in a message list (for instance, the inbox), touch the checkboxes in front of the messages and then touch **> OK**.

Writing and Sending an Email

101. Open your email Inbox.
102. Touch to open the Compose screen.
103. If you have more than one email account added on the device, touch the sender line to select an account.
104. Enter a contact name or email address in the ‘To’ field. Separate each recipient with a comma. You can also touch to select recipients from contacts.
105. Enter the email subject and compose the email text.
106. Touch the **Menu Key > Attach file** to add audio files, images, videos and other types of files as attachments.
107. Touch at the top right of the screen to send the message.

Changing Email Settings

You can change a number of settings for each email account and general settings that apply to all email accounts.

108. Open **Email** to get the Inbox screen.
109. Touch the **Menu Key > Account settings**.
110. Touch **General** to change general settings, or an email account to change account settings.
111. Make the changes you want and touch the **Back Key** when you finish.

Gmail™

After you sign in to your Google Account on the phone, you can send and retrieve Gmail messages with the **Gmail** app.

NOTE: This feature may not be available in certain regions or with certain service providers.

Opening Your Gmail Inbox

Touch in the home screen and select **Gmail**. The Inbox screen appears.

If you have signed in to more than one Google Account on the phone, you can touch the current account at the top of the screen and select another account from the drop-down menu.

Touch to refresh your Inbox and download new messages.

Writing and Sending a Message

112. Open your Gmail Inbox and switch to the account you want to use for sending the message.
113. Touch .
114. Enter a contact name or email address in the ‘To’ field. Separate each recipient with a comma.
115. Enter the email subject and compose the email text.
116. To attach an image, touch the **Menu Key > Attach file** and select a file from the image gallery.

117. Touch at the top right of the screen to send the message.

Replying to or Forwarding a Message

118. Open the Gmail message you want to reply to or forward to another person.

119. Do the following as you need:

- To reply to the sender, touch **> Reply**.
- To reply to the sender and all other recipients of the original message, touch **> Reply all**.
- To forward the email, touch **> Forward**.

120. Edit your message and touch the send icon .

Changing Gmail Settings

Touch the **Menu Key > Settings** in any Gmail screen. Touch **General settings** to change settings that apply to all Gmail accounts, or touch an account to change account-specific options.

Messaging

Use Messaging to exchange text messages (SMS) and multimedia messages (MMS).

Opening the Messaging Screen

Touch in the home screen and select **Messaging**. The **Messaging** screen opens, where you can create a new message, search for messages, or open an ongoing message thread.

- Touch to write a new text or multimedia message.
- Touch to search for a message using keywords.
- Touch an existing message thread to open the conversation you've had with a certain number.

Sending a Message

1. In the **Messaging** screen, touch .
2. Touch the **To** field and enter the recipient's number or, if the recipient is stored in **People** as a contact, the first letters of the recipient's name. As matching contacts appear, you can touch a suggested recipient.
3. Touch the **Type message** field and enter the text of your message.
4. If you want to send a multimedia message, touch the **Menu Key > Add subject** to add a message subject, or touch the paper clip icon beside the message text box and select

media files to attach to the message.

- **Pictures:** Select a picture to add to your message.
- **Capture picture:** Take a photo and add to your message.
- **Videos:** Select a video clip to attach to your message.
- **Capture video:** Shoot a video clip and add to your message.
- **Audio:** Select an audio file to add to your message.
- **Record audio:** Record an audio file and add to your message.
- **Slideshow:** Edit a slideshow and add to your message.

5. Touch .

NOTE: You can also touch a message thread to write a message to the number you have the conversation with.

Forwarding a Message

1. In the **Messaging** screen, touch the thread that has the message you want to forward.
2. Touch and hold the message.
3. Touch **Forward** in the menu that opens.
4. Enter a recipient for the message and edit the content if you want.
5. Touch .

Deleting Messages or Threads

To delete messages in a thread:

1. On the **Messaging** screen, touch a thread.
2. Touch the **Menu Key > Select item(s)**.
3. Check the messages you want to delete.
4. Touch **> Delete**.

To delete message threads:

1. On the **Messaging** screen, touch and hold one thread you want to delete.
2. If there are more threads you want to delete, touch them one by one.
3. Touch **> Delete**.

Changing Message Settings

Touch the **Menu Key > Settings** in the **Messaging** screen to change message settings.

Calendar

Calendar on the phone works with the web-based Google Calendar service for creating and managing events and appointments. It also works with the Microsoft Exchange ActiveSync calendar once you sign into your Exchange account on the phone.

To open Calendar, touch in the home screen and select **Calendar**.

Viewing Your Calendars and Events

Select Visible Calendars

1. Open the **Calendar** app.
2. Touch the **Menu Key > Calendars to display**.
3. Check the calendars you want to see or uncheck the calendars you'd like to hide.

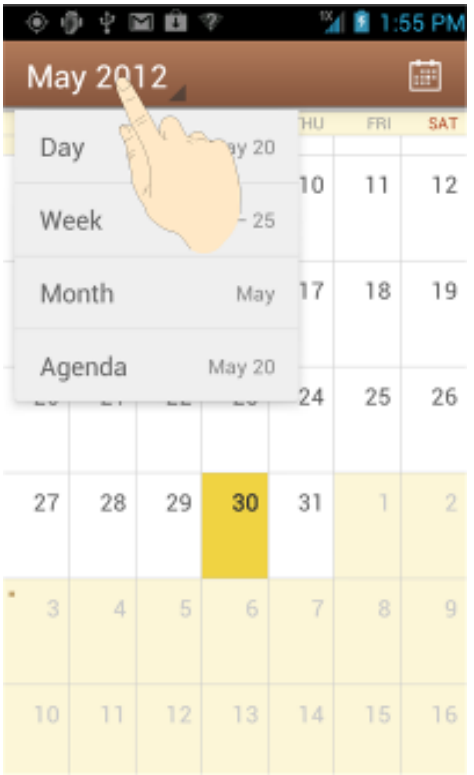
Events from hidden calendars are not shown in the Calendar app.

Change Calendar Views

You can view your calendars in different forms. The app offers four views: Month, Week, Day, and Agenda.

To change calendar views, touch the time period shown at the top left and select the view you prefer.

You can also change to Day view from Month view by touching any day in the grid.



TIPS:

- In Month view, swipe vertically to see previous months and following months.
- In Week or Day view, swipe horizontally to see previous weeks/days and following weeks/days.
- When you are viewing previous or future days, weeks, or months, touch at the top to quickly switch to today.

View Event Details

In Agenda, Day, or Week view, touch an event to view its details.

In Month view, touch a day to switch to Day view. Then touch an

event to view its details.

NOTE: In the event details screen, you can touch , , or to edit, delete or send the event. You can also add or change reminders.

Creating an Event

1. In any Calendar view, touch the **Menu Key > New event**.

   You can also touch a spot in Day or Week view twice to add an event to that time spot.

2. Add details about the event, such as event name, location, and time span.

   NOTE: If available, touch the calendar account shown above the **Event name** box to change the calendar that the event is added to. Only events added to an online calendar account can be synced to the web.

3. Touch **DONE** to save the new event.

Changing Calendar Settings

To change Calendar settings, open a Calendar view (Day, Week, Month, or Agenda). Then touch the **Menu Key > Settings**.

You can change **General settings**, which apply to all accounts, or touch an account to change account specific settings.

Google Talk

After adding a Google Account, you can use Google Talk to communicate in real time with other Talk users.

Signing into Google Talk

Touch in the home screen and select **Talk**. The first time you launch **Talk**, touch the account you want to sign in with. Your friends list is then displayed.

NOTE: You remain signed in to Google Talk after launching the **Talk** app even if you switch to other apps, and until you explicitly sign out. To sign out, go back to your friends list and touch the **Menu Key > Sign out**.

Adding a Friend

1. In the friends list, touch at the top right of the screen.
2. Enter your friend's address and touch **DONE**.

Your friend's address in Google Talk is a Gmail or other email address that is configured to connect to Google Talk.

NOTE: If other people try to add you as a friend, you will receive a notification in the status bar and the invitation appears in your friends list. You can touch the invitation to **Accept**, **Decline**, or **Block**.

Changing Your Online Status

1. Touch your own entry at the top of your friends list.
2. In the screen that opens, touch your current status to change it (or to sign out of **Talk**).
3. Enter a status message or if you already have one, edit it.

   In addition to the standard status settings, you can also touch **Change to a recently-used status** to select a message that you've entered previously.
4. Touch the **Back Key** to return to your friends list.

Chatting With Friends

1. Touch a friend in your friends list. The chat screen for that friend opens.
2. Type in a message and touch . You can also touch or to begin a video chat or voice chat if the friend is online.

Switch Between Active Chats

If you have more than one chat going, you can switch between these chats in one of the following ways.

- Touch the **Back Key** to return from one chat to the friends list. Then touch the other friend you want to chat with.
- While you are in one chat screen with a friend, swipe left or right to switch to the chat screen with the other friend.

Use Group Chat

When you're chatting, you can invite additional friends to join a group chat.

1. On a chat screen, touch the **Menu Key > Add to chat**.
2. Touch the name of the friend to invite.

The friend you invited and the current participants receive an invitation to a group chat. Each one who accepts the invitation joins the group chat. Group chats appear at the top of your friends list, with a group chat icon.

End the Chat

While on a chat screen, touch the **Menu Key > End chat**.

You can also touch the **Menu Key > End all chats** while in the friends list to end all active chats.

Changing Google Talk Settings

On any chat screen or the friends list, touch the **Menu Key > Settings** to change Google Talk settings for your account.

Google+

Google+ is a social networking service offered by Google. The Google+ application on your device enables you to manage your data, chat with online contacts, organize them in different circles, and share your selected information.

Touch in the home screen and select **Google+**. The first time you open the Google+ app, select the instant upload and contact sync options.

Organizing Your Contacts

9. Open the **Google+** app.
10. Touch > **Circles**.
11. Enter the person you want to search for or select a suggested person, and touch **Add**.
12. Check the circles you want the person to be added to, or touch **Create a new circle**.

Getting Updates

1. Open the **Google+** app.
2. Touch > **Home**.
3. Swipe up or down to see different information shared with you by other users. Touch to choose what groups of information are shown.

- **Nearby** shows posts shared with you by users near your current location.
- **All circles**, **Acquaintances**, **Family**, **Following**, and **Friends** show updates from people you've added to your circles.
- **What's hot** shows popular posts on Google+.

Chatting With Contacts

You can chat with your Google+ contacts through instant messaging, similar to sending a text with the Messaging app.

13. Touch > **Messenger** in the **Google+** app or touch from the home screen > **Messenger**.
14. Touch to create a new message.
15. If you touched at the top, touch to add recipients. They can be contacts or circles.
16. Enter the message.
17. Touch to send the message.

TIP: Touch > **Hangouts** to hold a video chat with your friends.

Checking Photos

You can see your own photo albums and those shared by other users.

Touch **> My photos** in the **Google+** app to see all available albums.

Checking and Managing Your Profile

18. Touch **> Profile** in the **Google+** app.
19. Swipe up or down to see your posts and personal info.

Touch and you can change your profile photo.

MetroWEB

Touch in the home screen and select **MetroWEB** to browse web pages and search for information. The browser also opens when you touch a web link - for example, in an email or a text message.

Open a Web Page or Search the Web

121. Touch the address box at the top of the browser screen. If the address box isn't visible, swipe down a little to show it.
122. Enter the address (URL) of a web page. Or, enter terms you want to search for. You can also touch the microphone icon to search by voice.
123. Touch a suggestion or touch **Go** on the keyboard to open the web page or search results.

TIP: Touch the **Menu Key > Stop** if you want to stop opening the page.

Working With an Opened Page

While viewing most web pages, you can do the following operation.

- Scroll: Swipe the screen in any direction.
- Zoom out/in: Touch the screen with two fingers and pinch them together or spread them apart.
- Go back: Touch the **Back Key** to return to the page you've

viewed previously in the same window.

- Go forward: Touch the **Menu Key > Forward**.
- Refresh the page: Touch the **Menu Key > Refresh**. Or touch the address box and then touch .
- Find text on the page: Touch the **Menu Key > Find on page** and type the terms you want to search for.
- Send the page URL to friends: Touch the **Menu Key > Share page** and select how you want to send the URL.
- Follow a link: Touch a link on the web page to open it.
- Save the page for offline reading: Touch the **Menu Key > Save for offline reading**. You can touch the **Menu Key > Bookmarks > SAVED PAGES** to read them.
- View information for the web page: Touch the **Menu Key > Page info**.

TIPS:

- Some web sites may redirect you to the mobile version of their web pages, which mostly do not support scrolling or zooming. If you want to view the desktop version, touch the **Menu Key** and check **Request desktop site**.
- Besides links, the browser also recognizes some phone numbers, addresses, and similar information for you to act on. Try touching them and see what happens.

Using Multiple Browser Windows

You can open several browser windows at once and switch between multiple web pages.

Touch the tabs icon to the right of the address box.

- Touch **+** at the top right of the screen to open a new browser window and load the homepage.
- Swipe vertically and touch a thumbnail to switch to a browser window.
- Swipe a thumbnail horizontally or touch **X** to close the window.
- Touch the **Menu Key > New incognito tab** to open an incognito window.

Using Bookmarks

Save web URLs as bookmarks to open them easily in the future.

To open a bookmarked web page, touch the **Menu Key > Bookmarks** in a browser window and touch the bookmark.

Bookmark a Web Page

124. Open the web page.
125. Touch the **Menu Key > Save to bookmarks**.
126. Edit the bookmark label and address if necessary, or choose a different account.

Touch the name beside **Add to** to change the place where the bookmark will be stored.

127. Touch **OK**.

Edit a Bookmark

128. Touch the **Menu Key > Bookmarks**.
129. Touch and hold the bookmark to edit.
130. Touch **Edit bookmark**.
131. Edit the label, address, account, or location of the bookmark in the dialog that opens.
132. Touch **OK**.

NOTE: Certain preinstalled bookmarks may not be edited.

Delete a Bookmark

133. Touch the **Menu Key > Bookmarks**.
134. Touch and hold the bookmark to delete.
135. Touch **Delete bookmark**.
136. Touch **OK**.

NOTE: Certain preinstalled bookmarks may not be deleted.

Changing Browser Settings

To open the Browser settings screen, touch the **Menu Key > Settings**.

Maps, Navigation, Local, and Latitude

Activating Location Services

To use **Navigation**, **Local**, **Latitude**, and find your location on Google Maps, you must have location services turned on.

137. Touch the **Home Key > Menu Key > System settings > Location services**.

138. Select the location options you want to use.

- Check **Use Wireless Networks** to use Wi-Fi and mobile networks to determine your approximate location.
- Check **Use GPS satellites** to find your location through GPS satellites.
- Check **Use assisted GPS** to use the network server to assist GPS.

Getting Your Location

139. Touch in the home screen and select **Maps**.

140. Touch at the top right.

The map centers on a blue blinking dot indicating your location.

Searching for a Location

141. Touch in the home screen and select **Maps**.
142. Touch and enter the place you're looking for in the search box at the top.

    TIP: You can also touch beside the search box to use voice search.

143. Touch **Search** or the search icon on the keyboard. Search results appear as lettered balloons.
144. Touch a balloon to open a label with the name of the place. Touch it to see more information.

Getting Directions to Your Destination

145. Touch in the home screen and select **Maps**.
146. Touch and enter a start and an end point and select the mode of transportation. If your location has been detected, it will appear as the default start point.
147. Touch **GET DIRECTIONS**. The directions to your destination are marked on the map. Touch the left or right arrow to see the direction step by step. You can also touch **DIRECTIONS LIST** to see your route displayed in a list.

NOTE: Touch **> Navigation** from the home screen to use Google Maps Navigation (beta) and get turn-by-turn voice directions.

Searching for Local Places

The **Local** app helps you find all kinds of businesses and attractions around you.

148. Touch in the home screen and select **Local**.

149. Wait while you are being located. Your location, when found, is shown at the top.

150. Select a category and the information for that type of place near you will be displayed. You can also touch to search for a place (See *Maps, Navigation, Local, and Latitude – Searching for a Location*).

    NOTE: Touch the **Menu Key > Add a search** to add new place categories.

151. Touch a result to check out details and reviews about it. You can also see the place on **Maps**, get directions, give that place a call, add your rating and review, and more.

Sharing Location

Google Latitude lets you and your friends view each others' locations on maps and share status messages with each other.

Touch in the home screen and select **Latitude** to start location reporting and sharing. For first time use, touch the **Menu Key > Location settings** and check **Report from this device** and **Enable location sharing**. You can then do the following operations.

- Touch to refresh friends' status.
- Touch **MAP VIEW** to see friends on **Maps**. You can touch the left/right arrow to switch between friends and yourself.
- Touch to add new friends.
- Touch the **Menu Key > Show stale friends** / **Hide stale friends** to show or hide friends who haven't updated their location with you for a while.
- Touch the **Menu Key > Location settings** to change Latitude settings.

Google Search and Voice Search

You can search for information on the web or on your phone using Google Search. The phone can also recognize your speech and convert it for searches.

Searching With Text

152. Start the **Search** app in one of the following ways.
    - Touch in the home screen and select **Search**.
    - Touch the Google search box at the top of the home screen.
153. Enter the terms you want to search for and touch **Search** or the search icon on the keyboard, or touch a search suggestion.

Searching by Speaking

154. Touch the microphone icon to the right of the search box.
155. Speak the terms you want to search for. Your speech is sent to Google for analysis.

    If Google Search didn't quite understand the speech, you are presented with a list of similar-sounding terms. Touch the correct term to start the search.

Changing Search and Voice Search Settings

Open the **Search** app and touch the **Menu Key > Settings** to set Searchable items and Google Search options.

To set Voice Search settings, touch in the home screen the **Menu Key > System settings > Language & input > Voice Search**.

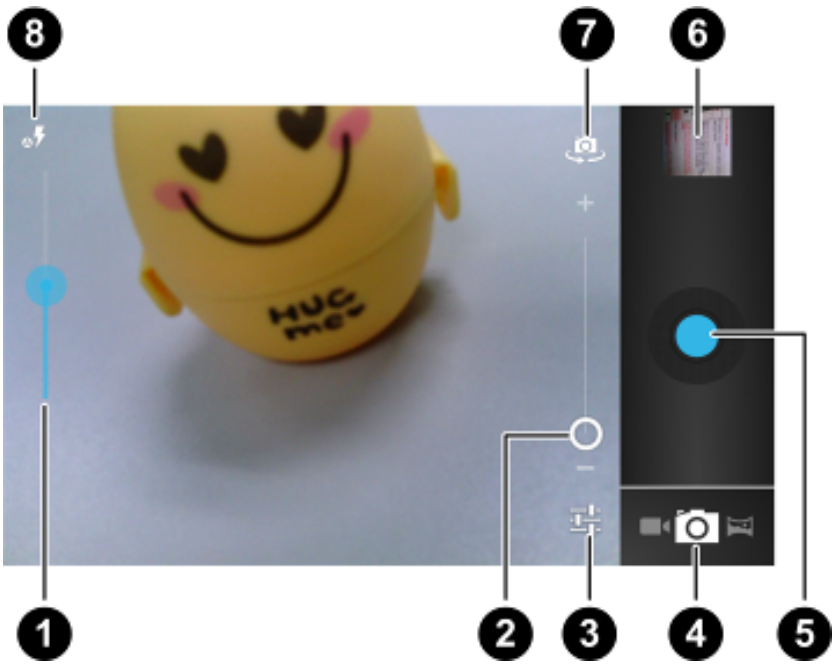
Camera

You can take photos and record videos. Photos and videos are stored to the phone's memory card or to the phone's internal storage. You can copy them to your computer or access them in the **Gallery** app.

Capturing a Photo

156. Touch in the home screen and select **Camera**.

157. Aim the camera at the subject and make any necessary adjustment.



Number	Function
❶	Touch and slide to adjust brightness. Appears only when **Brightness** is turned on in Camera settings.

Number	Function
❷	Touch and slide to adjust zoom level.
❸	Select camera settings.
❹	Switch to camcorder or panorama mode.
❺	Capture a photo.
❻	View photos and videos captured.
❼	Switch between the front camera and the back camera.
❽	Displays the current flash mode.

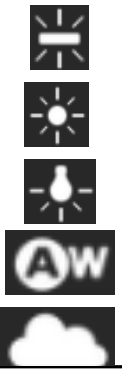
158. If **Touch AF/AEC** is turned on in camera settings, touch the area where you want the camera to focus. Green brackets appear around the area you touched.

159. Lightly touch the blue button .

Customizing Camera Settings

Before taking a photo, you can touch to open the following camera setting options.

	Set whether your location information is stored or not with each photo you take.

	Turn the flash on or off.
	Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your shots, or allow the camera to adjust the white balance automatically.
	Adjust the exposure. To let the camera set the exposure automatically, touch 0.
	Turn on or off brightness adjustment in the preview screen.
	Set the save location, picture size, focus mode, delay timer, or color effect. Turn on/off touch AF (automatic focus) / AEC (automatic exposure control), composition line, or shutter sound. Restore default camera settings.

Capturing a Panoramic Photo

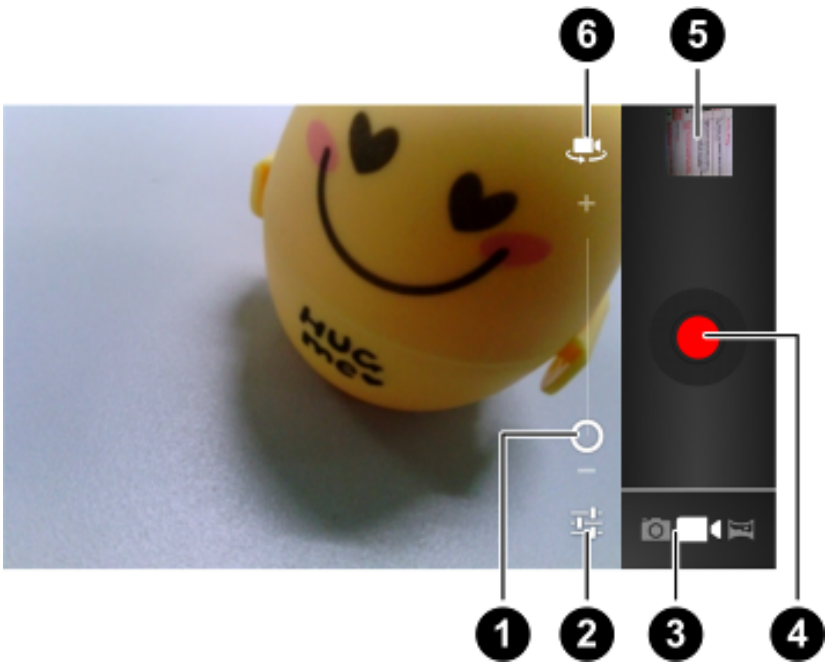
You can take wide panoramic photos in panorama mode.

1. Touch in the home screen and select **Camera**.
2. Touch > to switch to panorama mode.
3. Touch to start capturing the photo.
4. Slowly move the phone in any direction.

5. Touch when you reach the end point of the panoramic photo.

Recording a Video

1. Touch in the home screen and select **Camcorder**, or switch to the camcorder from the camera screen.
2. Aim the camera at the subject and make any necessary adjustment.



Number	Function
1	Hold the circle and slide to zoom in or out.
2	Change the camcorder settings.
3	Switch to camera or panorama mode.
4	Record a video.

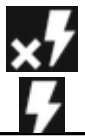
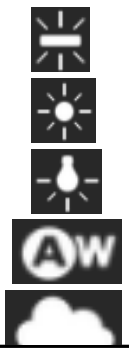
Number	Function
5	View photos and videos you have captured.
6	Switch between the front and the back cameras.

3. Touch to start and to stop recording.

TIP: While the recording is in progress, you can touch the screen to save the frame as a photo.

Customizing Camcorder Settings

Before recording a video, you can touch to open the following camcorder setting options.

	Turn the flash on or off.
	Set whether your location information is stored or not with each video you record.
	Select how the camera adjusts colors in different kinds of light to achieve the most natural looking colors for your videos, or allow the camera to adjust the white balance automatically.
	Set the time interval for recording time lapse videos or turn off this feature to record normal videos.

QVGA, **QCIF**, **CIF**, **VGA**, **WVGA**, **480p**, **720p**	Adjust video size.
	Set save location, color effects, delay timer or restore default camcorder settings.

Gallery

Touch in the home screen and select **Gallery** to view albums of pictures and videos.

Working With Albums

When you open Gallery, all pictures and videos on your phone are displayed in a number of albums.

Touch an album to view the pictures and videos it contains.

Touch and hold an album to share its contents ( ), view its detail or delete it ( ).

Working With Pictures

Touch a picture in an album to view the picture in full screen. Double-touch the picture, or pinch two fingers together or spread them apart to zoom out or in. Slide left or right to view other pictures in the album.

Number	Function
❶	Touch to return to the album or up to the list of albums.
❷	Thumbnails of all the pictures and videos in the album. Swipe horizontally to see more; touch a thumbnail to view it in full screen.
❸	Share the picture.
❹	Delete the picture.

Touch the **Menu Key** to browse the album contents in a slideshow, crop the picture, view picture file details, set it as a contact photo or wallpaper, or to edit it.

NOTE: Not all the options may be available for certain albums or

pictures.

Working With Videos

Touch an album in the gallery and then touch the thumbnail of a video to start playing it.

Touch the video to view the playback controls. You can also touch to share the video.

Music and Play Music

Touch in the home screen and select **Music** to play audio files on your phone.

Besides your local music tracks, the **Play Music** application also works with Google Music to stream via mobile data or Wi-Fi songs that you've added to your online Google Music library.

NOTE: The availability of Google Music is dependent on your region. If it is not available, or you don't have a wireless data connection, you can only play music stored on your phone with **Play Music**.

Copying Music Files to Your Phone

Before using Music, you need to copy audio files from your computer to your phone or to its microSD card. See *Connecting to Networks and Devices – Connecting to Your Computer via USB* for details.

Use the computer to copy music and other audio files. You can use folders to organize your music files.

Playing Music

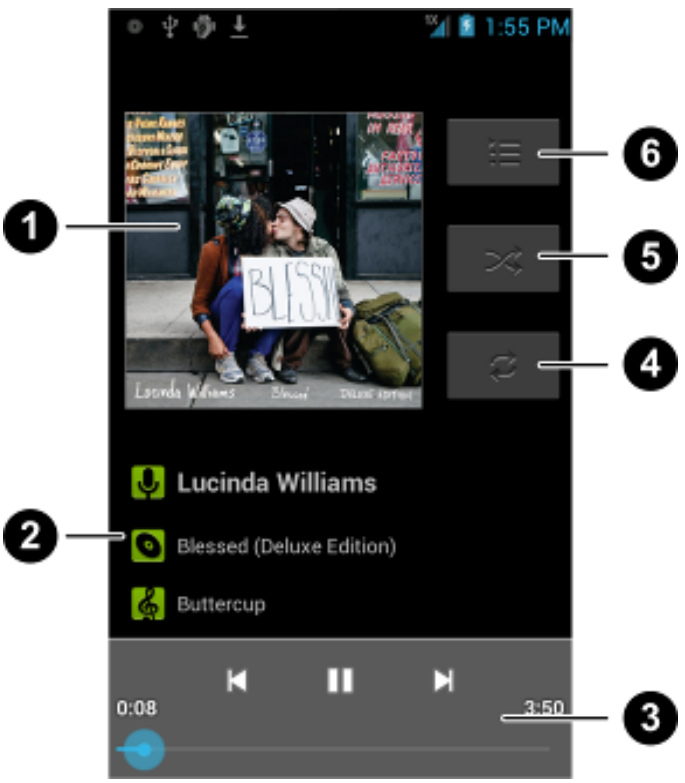
Use the Music App

Touch in the home screen and select **Music** and your music library is displayed. All your audio files are cataloged, according

to the information stored in the files.

Touch the tabs at the top of the screen to view your music library organized by **Artists**, **Albums**, **Songs**, or **Playlists**.

Touch a song in the music library to listen to it. The following playback screen appears.



Number	Function
1	Album artwork.
2	Song, artist and album. Touch and hold to search for related information.
3	Playback control. Skip songs or pause and resume playback. Drag the slider to jump to any part of the song.
4	Touch to toggle repeat mode: no repeat, repeat the current song, or repeat the current playlist.

❺	Touch to play the current playlist in shuffle mode, where tracks are played in random order.
❻	Touch to open the current playlist.

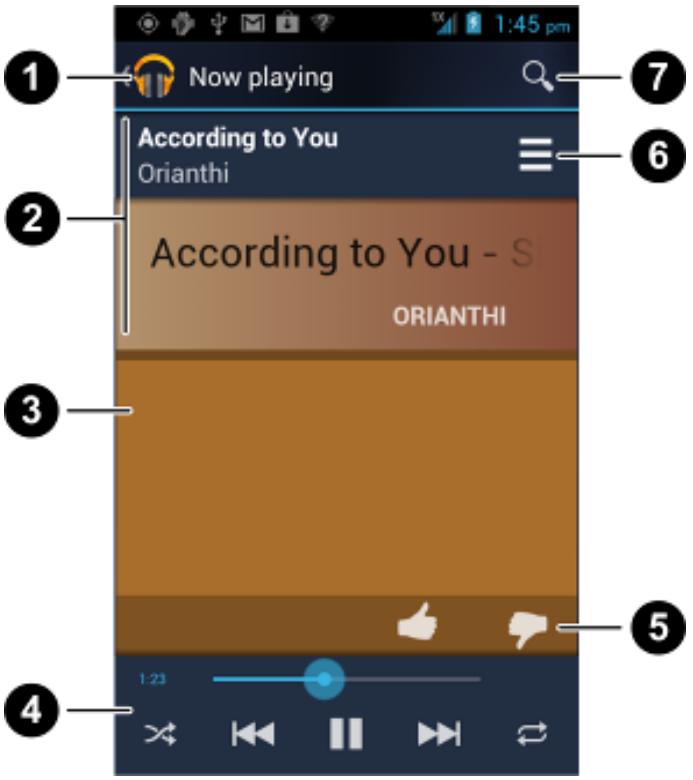
TIP: In the music playback screen, touch the **Menu Key > Use as ringtone** to use the song as the default ringtone. See *Personalizing – Changing Ringtone & Notification Sounds*.

Use the Play Music App

1. Touch in the home screen and select **Play Music**. If you are prompted, select an account to access its online music library.

   The app searches your online library and your device for music and playlists before displaying your combined music library, organized by **Playlists**, **Recent**, **Artists**, **Albums**, **Songs**, and **Genres**. To change views of your library, swipe left or right when holding the device upright, or touch the view name at the top left of the screen when holding the device on its side.

2. Touch a song to play it. The following playback screen appears. Touch it to display more options.



Number	Function
1	Touch to return to the music library.
2	Album, artist, and song name of the track.
3	Album artwork.
4	Playback control. Skip songs, pause and resume playback, use shuffle or repeat. Drag the slider to jump to any part of the song.
5	Rate the song.
6	View the current playlist (queue).
7	Search for music.

You can still control the music when you are not in the playback

screen.

- In the **Play Music** app, touch the Now Playing bar at the bottom (portrait mode) of the screen to restore the playback screen.
- In other apps, flick down the notification panel. Touch the song title to restore the playback screen, or just pause/resume playback or skip to the next song.
- When the screen is locked, the song information, album cover as well as playback control is displayed on top of the lock screen. You can pause/resume playback or skip songs.

Managing Playlists

Create playlists to organize your music files into sets of songs, so that you can play the songs you like in the order you prefer.

Add a Song to a Playlist

1. Touch and hold the song in the music library.
2. In the menu that opens, touch **Add to playlist**.
3. Touch **New** (Music app) or **New playlist** (Play Music app), or an existing playlist.
4. For a new playlist, type the playlist name and touch **Save** (Music app) or **OK** (Play Music app).

Remove a Song From a Playlist

1. Open a playlist.

2. Touch and hold a song and select **Remove from playlist**.

Delete or Rename a Playlist

1. Touch the **Playlists** tab in the music library to see all the playlists.
2. Touch and hold a playlist and touch **Rename** or **Delete** in the menu that opens.

NOTE: These options may not be available for certain automatically created playlists, such as **Last added** or **Recently added**.

Videos

Touch in the home screen and select **Videos** to view your video library and to play videos.

Playing and Controlling Videos

Touch a video in the video library to play it.

When playing the video, touch the screen to show the playback controls.

- Touch the pause/play icon at the center of the screen to pause and resume the playback.
- Drag the progress bar to jump to any part of the video.
- Touch at the top left of the screen or touch the Back Key to stop the video and return to the video library.

Sharing Videos

1. Touch a video in the video library to play it.
2. Touch at the top right of the screen and select how you want to share it.

Sound Recorder

Sound Recorder enables you to record voice memos and listen to them whenever you like.

1. Touch in the home screen and select **Sound Recorder**.
2. Touch to start recording.
3. Touch to stop recording. You can then touch to play the recording.
4. Touch **OK** to save the voice recording, or touch **Discard** to delete the recording.

TIP: You can find your recordings by touching the **Menu Key > My recordings**. Touch one to play it. Touch and hold one to share it or to delete it.

More Apps

Alarm

Set alarms or turn the device into a bedside clock.

Setting a New Alarm

1. Touch in the home screen and select **Alarm**.
2. Touch a default alarm to configure it, or touch at the bottom of the screen to create a new alarm.
3. Check **Turn on alarm** and touch other items to set up the alarm options, such as time, repeat, and ringtone.
4. Touch the **Back Key** to save and exit.

Using Bed Clock

Bed clock displays the current time and the next alarm.

1. Touch in the home screen and select **Alarm**.
2. If necessary, touch the **Menu Key > Bed Clock Preferences** in the **Alarm** screen to set up bed clock options. Then touch the **Back Key** to return to the **Alarm** screen.
3. Touch the **Menu Key > Bed Clock** to open the bed clock screen.

AppStore

Touch in the home screen and select **AppStore**. The preloaded @metro AppStore on your MetroPCS phone keeps the fun going with downloadable games, a large variety of applications and customization tools. Purchase and download your apps from your phone, or buy online from metropcs.com!

Calculator

Touch in the home screen and select **Calculator** to do some basic calculation.

TIP: Touch or , or swipe left or right to switch between different panels. You can also hold the device on its side to see all of the calculator buttons.

Chrome

Use Google Chrome to browse the Internet. Chrome on your ZTE phone can sync bookmarks, browsing history, and opened tabs from your Google account.

File Manager

Quickly access all of your images, videos, audio clips, and other types of files on your device and on the memory card.

Touch in the home screen and select **File Manager**. Touch

the folder name at the top of the screen to switch between the microSD card storage and the phone storage.

Kingsoft Office

Create, view and edit Office files, create and view PDF files, anywhere and anytime.

Touch in the home screen and select **Kingsoft Office** to access the rich features.

M Studio

Touch in the home screen and select **M Studio** to purchase and download content such as ringtones and ringback tones.

MetroPCS Easy WiFi

Find and connect to MetroPCS hotspots and to your own hotspot accounts with your mobile device.

News and Weather

News & Weather offers weather forecasts and news stories about common topics. You can also customize the news topics that are displayed.

Touch in the home screen and select **News & Weather**. Swipe left or right to view the weather forecast and news headlines under different news topics.

Touch the **Menu Key** to refresh news and forecast data, or to change the settings.

Notepad

Touch in the home screen and select **Notepad** to save and view text notes.

Touch **ADD NOTE** to create a new note. Then enter your text and touch to save it.

Touch a note to view its entire content. You can then delete it, share it, or change its title.

Play Books

Touch in the home screen and select **Play Books** to read ebooks purchased from Play Store.

Touch a book cover displayed in Play Books to start reading it. You can also touch at the top to buy more books from Play Store, or touch to search by book title or author name.

Play Magazines

Touch in the home screen and select **Play Magazines** to access the digital magazines you have purchased from the Google Play Store.

Play Movies and TV

Google Play Movies & TV allows you to watch movies and TV shows purchased in the Google Play Store.

Touch in the home screen and select **Play Movies & TV**.

You can stream instantly on your Android phone or download so you can watch from anywhere even when you're not connected. Also, get quick access to your video collection on your phone.

Learn more about Google Play Movies & TV at http://play.google.com/about/movies

NOTE: TV shows are currently available in the United States only.

Pocket Express

Pocket Express gives you the best information on the mobile web without the hassle of using a mobile browser.

Simply touch in the home screen, select **Pocket Express** and you have up-to-the-minute news, sports, weather, stocks, travel, entertainment and more, all in one place.

Task Manager

Touch in the home screen and select **Task Manager** to view or stop applications.

- Touch **Close** in the **TASKS** tab to abort a task. Touch a task to see its app information. You can also refresh the tasks,

sort the list, or close all tasks.

- Touch the **APPS** tab to manage all the apps on your phone.
- Touch the **RESOURCES** tab to view the real-time system resources information.

Timer

Touch in the home screen and select **Timer** to use the stopwatch or the timer.

Stopwatch allows you to record lap times, while Timer allows you to set a time and count down to zero.

World Time

Touch in the home screen and select **World Time** to check local time for cities around the world.

Touch **+** at the bottom to add a new city or country.

YouTube

Touch in the home screen and select **YouTube**.

You can watch YouTube videos or upload your own.

Play Store

Touch in the home screen and select **Play Store**. You can buy music, books, magazines, movies, TV shows, and apps and download them to your phone.

NOTE: The content you can access in the Play Store depends on your region and your service provider.

Browsing and Searching for Apps

You can browse apps by category and sort them in different ways. Touch a top-level category, such as **Games**, and touch the app from any subcategory.

You can also search for apps using an app's name or description, or the developer's name. Just touch and enter the search terms.

Downloading and Installing Apps

When you find the app you are interested in through browsing or searching, touch it to open its details screen, where more information about the app is displayed.

1. Touch **Download** (free apps) or the price (paid apps) in the app details screen.
2. If the app is not free, you need to sign in to your Google Wallet account and select a payment method.
3. Touch **Accept & download** (free apps) or **Accept & buy**

(paid apps) to accept the permissions for the app. Your app will start downloading immediately or once payment is successfully authorized.

Managing Your Downloads

After you've downloaded and installed an app, you can rate it, view it in a list with your other downloaded apps, configure it to update itself automatically, and so on.

View Your Downloaded Apps

1. On the Apps screen of Play Store, touch the **Menu Key > My Apps**.
2. Your list of installed apps opens. You can touch one to rate it, uninstall it, request a refund and so on.

Uninstall an App

1. On the Apps screen of Play Store, touch the **Menu Key > My Apps**.
2. Touch an app to open its details screen.
3. Touch **Uninstall > OK**.

Settings

Touch in the home screen and select **Settings**. The **Settings** app contains most of the tools for customizing and configuring your phone.

Wireless and Networks

Wi-Fi

Turn Wi-Fi on or off and configure your Wi-Fi connections. See *Connecting to Networks and Devices – Connecting to Wi-Fi*.

Bluetooth

Turn Bluetooth on or off and configure your Bluetooth connections. See *Connecting to Networks and Devices – Connecting to Bluetooth Devices*.

Data Usage

You can check how much data has been used during the time cycle you set, set a mobile data limit and warning, see what apps have been using mobile data, or restrict background data for individual apps.

Call

Customize the settings for phone calls. See *Phone Calls –*

Adjusting Your Call Settings.

Airplane Mode

In the **Settings** app, touch **More…** under WIRELESS & NETWORKS and check the box next to **Airplane mode**. All the phone's radios that transmit voice or data are turned off.

VPN

Set up and connect to virtual private networks. See *Connecting to Networks and Devices – Connecting to Virtual Private Networks*.

Tethering and Portable Hotspot

Share your device's mobile data connection with PCs or other devices via USB or Wi-Fi. See *Connecting to Networks and Devices – Sharing Your Mobile Data Connection*.

Mobile Networks

Control mobile data use and select roaming mode. See *Connecting to Networks and Devices – Connecting to Mobile Networks*.

Device

Sound

Adjust volumes (see *Personalizing – Adjusting Volumes*), set up

ringtone and notification sound (see *Personalizing – Changing Ringtone and Notification Sounds*), and select system sounds.

Touch **Silent mode** to turn off all sounds except media and alarm, or enable silent mode with vibration.

Display

- **Brightness:** Set the brightness of the display.
- **Wallpaper:** Select a background image for the home screen.
- **Auto-rotate screen:** Turn on/off auto display rotation as you hold the phone upright or on its sides.
- **Sleep:** Set the length of time of inactivity before the screen turns off.
- **Font size:** Set the font size of the text on the screen.
- **Pulse notification light:** Flash the LED light to notify you of missed calls, new messages, and other events.
- **Front key light:** Turn on or off the back light of the **Back Key**, **Home Key**, and **Menu Key** and set the duration for the back light.

Storage

Check memory information for your memory card and internal storage.

- **Unmount SD card:** Unmount the memory card from your phone so that you can safely remove the card while the phone is on.

- **Erase SD card:** Erase all data on your memory card and prepare it for use with your device.

Battery

Check how much power remains for the battery and what has been using the battery.

Apps

See apps installed on your device and manage them.

Touch an app in the **DOWNLOADED**, **ON SD CARD**, **RUNNING**, or **ALL** tab to see its information. You can stop the app, uninstall the app, clear data and cache, or move the app between the internal storage and the memory card.

NOTE: Not all applications can be moved or uninstalled.

Connect to PC

Check **Ask me** to let the phone prompt you to select a connection type each time you connect the phone to a computer. If you uncheck **Ask me**, the default connection type is used, which you can set by touching **Connect type**.

Personal

Accounts and Sync

Manage your accounts and synchronization settings.

- Touch the **ON/OFF** switch to turn on or off auto-sync.
- Touch **ADD ACCOUNT** to sign in to or create accounts on your device.
- Touch an account to set the sync settings for that account. You can then touch the **Menu Key > Sync now** to sync all checked items.
- Touch an account and then touch the **Menu Key > Remove account** to remove the account and all information related to it from your device.

Location Services

Activate location services to determine your location. See *Maps, Navigation, Local, and Latitude – Activating Location Services*.

Select **Location & Google search** to improve Google search results and other services using your location data.

Security

- **Screen lock:** Lock the screen with long press, swipe, your face, a pattern, a PIN, or a password. See *Personalizing – Protecting Your Phone With Screen Locks*.
- **Improve face matching:** Have your face captured in different conditions to improve the phone's ability to recognize your face.
- **Make pattern visible:** Show the pattern as you draw it.
- **Automatically lock:** Set the time needed for the lock protection to be activated after the screen automatically turns

off.

- **Power button instantly locks:** Activate the screen lock once you press the **Power Key** to turn off the screen.
- **Vibrate on touch:** Vibrate as you draw the pattern or enter the PIN/password to unlock the device.
- **Owner info:** Set the text that displays on the lock screen.
- **Encrypt phone:** Encrypt your data on the phone to protect your privacy. See *Personalizing – Protecting Your Phone With Encryption*.
- **Make passwords visible:** Display passwords briefly as you enter them.
- **Device administrators:** View or deactivate apps you have authorized to be device administrators.
- **Unknown sources:** Put a checkmark in the checkbox to permit installation of apps from sources other than the Play Store.
- **Trusted credentials:** Display trusted CA certificates.
- **Install from SD card:** Install certificates from the memory card.
- **Clear credentials:** Delete all certificates.

Language and Input

- **Language:** Select a language and region for your system.
- **Personal dictionary:** Add new words to the device's dictionary or remove words from the dictionary. The words

you add are used for spelling check and word suggestion.

- **KEYBOARD & INPUT METHODS:** Configure text input settings. See *Knowing the Basics – Entering Text – Touch Input Settings*.
- **Voice Search:**
  - **Language:** Select the language you use when entering text by speaking or searching by speaking.
  - **SafeSearch:** You can use Google SafeSearch filtering to block some results when you use Google search by voice.
  - **Block offensive words:** Replace offensive words with an asterisk (*) when you use Google voice recognition to transcribe your voice into text.
- **Text-to-speech output:**
  - **PREFERRED ENGINE:** Select the speech synthesis engine you want to use or change its settings.
  - **Speech rate:** Select how quickly you want the synthesizer to speak.
  - **Listen to an example:** Play a brief sample of the speech synthesizer, using your current settings.
- **Pointer speed:** Select how fast the pointer/mouse should scroll when you connect the device to a trackpad or mouse accessory.

Backup and Reset

- **Back up my data:** Back up app data, Wi-Fi passwords, and other settings to Google servers after you sign in to your Google Account.
- **Automatic restore:** Restore previously backed up settings and data when you reinstall an app.
- **Factory data reset:** Reset your device to factory default settings. All your personal data from the phone's internal storage will be erased. You can also erase the data on the microSD card during the process.

System

Date and Time

Set date, time, time zone, and how date and time are displayed. You can also use network-provided data.

Accessibility

Configure accessibility plug-ins on your device, such as using **TalkBack** for the visually impaired.

Developer Options

Developer options contains settings that are useful when developing Android applications.

About Phone

View phone status and legal information. You can also check for system updates.

Troubleshooting

If you encounter problems while using the phone, or if it performs abnormally, you can refer to the chart below. If your particular problem cannot be resolved using the information in the chart, contact the dealer where you purchased the phone.

Problem	Possible causes	Possible solution
Poor reception	The network signal is too weak at your current location, for example, in a basement or near a tall building, because wireless transmissions can not effectively reach it.	Move to a location where the network signal can be properly received.
	The network is busy at the current time (for example, during peak times, there may be too much network traffic to handle additional calls).	Avoid using the phone at such times, or try again after waiting a short time.
	You are too far away from a base station for your service provider.	You can request a service area map from your service provider.

Problem	Possible causes	Possible solution
Echo or noise	Poor network link quality on the part of your service provider.	End the call and dial again. You may be switched to a better quality network link or phone line.
	Poor local telephone line quality.	End the call and dial again. You may be switched to a better quality network link or phone line.
Unable to select certain features	Your service provider does not support these features, or you have not applied for services that provide these features.	Contact your service provider.
Battery not charging	The battery or battery charger is damaged.	Contact the dealer.
	The phone's temperature is below 32°F or higher than 113 °F.	Adjust the battery charging environment to avoid extremes of temperature.
	Poor contact between the battery and charger.	Check all connectors to make sure all connections have been properly made.

Problem	Possible causes	Possible solution
Shortened standby time	The standby time is related to your service provider system configuration. The same phone used with different service providers' systems will not provide exactly the same length of standby time.	If you are located in an area where signaling is weak, temporarily power off the phone.
	The battery is depleted. In high temperature environments, battery life will be shortened.	Use a new battery.
	If you are not able to connect to the network, the phone will continue to send out signals as it attempts to locate a base station. Doing so consumes battery power and will consequently shorten standby time.	Change your location to one where the network is accessible, or temporarily turn off your phone.
Cannot turn your phone on	Battery power has been depleted.	Recharge the phone's battery.

Problem	Possible causes	Possible solution
Unable to connect to the network	You are not within the network's service area.	Check the service area with your service provider.
	Poor signal.	Move to an open space, or if you are inside a building, move closer to a window.
Unable to enter information into the phonebook	The phonebook's memory is already full.	Delete unnecessary data from the contacts.

For Your Safety

General Safety

	Don't make or receive handheld calls while driving. Never text while driving.		Don't use at gas stations.
	Keep your phone at least 15 mm away from your ear or body while making calls.		Your phone may produce a bright or flashing light.

	Small parts may cause choking.		Don’t dispose of your phone in fire.
	Your phone can produce a loud sound.		Avoid contact with anything magnetic.
	Keep away from pacemakers and other electronic medical devices.		Avoid extreme temperatures.
	Turn off when asked to in hospitals and medical facilities.		Avoid contact with liquids. Keep your phone dry.
	Turn off when told to in aircrafts and airports.		Don’t take your phone apart.
	Turn off when near explosive materials or liquids.		Only use approved accessories.
	Don’t rely on your phone for emergency communications.		

FCC Compliance

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION! Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment can generate, use and radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

Radio Frequency (RF) Energy

This model phone meets the government's requirements for

exposure to radio waves.

This phone is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government:

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the model phone as reported to the FCC when tested for use at the ear is 1.12 W/kg, when worn on the body as described in this user guide is 1.45 W/kg (body-worn measurements differ among phone models, depending upon available enhancements and FCC requirements), and during simultaneous transmission (for example, making a phone call and using Wi-Fi at the same time) is 1.58 W/kg.

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this model phone is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/fccid/ after searching on

FCC ID: Q78-ZTEN9120.

For body worn operation, this phone has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and that positions the handset a minimum of 1.5 cm from the body. Use of other enhancements may not ensure compliance with FCC RF exposure guidelines. If you do not use a body-worn accessory and are not holding the phone at the ear, position the handset a minimum of 1.5 cm from your body when the phone is switched on.

HAC

Hearing Aid Compatibility (HAC) Regulations for Mobile Phones

In 2003, the FCC adopted rules to make digital wireless telephones compatible with hearing aids and cochlear implants. Although analog wireless phones do not usually cause interference with hearing aids or cochlear implants, digital wireless phones sometimes do because of electromagnetic energy emitted by the phone's antenna, backlight, or other components.

Your phone is compliant with FCC HAC regulations (ANSI C63.19).

While some wireless phones are being used near some hearing devices (hearing aids and cochlear implants), users may detect a buzzing, humming, or whining noise. Some hearing devices are more immune than others to this interference noise and phones also vary in the amount of interference they generate.

The wireless telephone industry has developed a rating system for wireless phones to assist hearing device users in finding phones that may be compatible with their hearing devices. Not all phones have been rated. Phones that are rated have the rating on their box or a label located on the box. The ratings are not guarantees. Results will vary depending on the user's hearing device and hearing loss. If your hearing device happens to be vulnerable to interference, you may not be able to use a rated phone successfully. Trying out the phone with your hearing device is the best way to evaluate it for your personal needs.

M-Ratings: Phones rated M3 or M4 meet FCC requirements and are likely to generate less interference to hearing devices than phones that are not labeled. M4 is the better/higher of the two ratings.

T-Ratings: Phones rated T3 or T4 meet FCC requirements and are likely to be more usable with a hearing device’s telecoil (“T Switch” or “Telephone Switch”) than unrated phones. T4 is the better/ higher of the two ratings. (Note that not all hearing devices have telecoils in them.)

Your phone meets the M4/T3 level rating.

Hearing devices may also be rated. Your hearing device manufacturer or hearing health professional may help you find this rating.

For more information about FCC Hearing Aid Compatibility, please go to http://www.fcc.gov/cgb/dro.

Turn on HAC

Touch the **Home Key >** **> Settings > Call,** and then check **Hearing aids** to turn the hearing aid compatibility on.

When the HAC setting is on, your phone sends the audio from your phone calls to the telecoil rather than to the microphone of your hearing aid. You are likely to hear calls much better because volume is increased and background noise and feedback are diminished. The HAC setting improves only the calls you listen to through the earpiece. It does not affect calls heard on the speakerphone or a headset. It's better to turn off the Bluetooth function when the HAC setting is on. HAC requires extra battery power, so watch your battery consumption when it's turned on.

NOTE: Do not turn on the HAC setting unless you use a hearing aid with a telecoil. Using this setting without a hearing aid or with a hearing aid without a telecoil may be harmful to your hearing.

Distraction

Driving

Full attention must be given to driving at all times in order to reduce the risk of an accident. Using a phone while driving (even with a hands free kit) can cause distraction and lead to an accident. You must comply with local laws and regulations restricting the use of wireless devices while driving.

Operating Machinery

Full attention must be given to operating machinery in order to reduce the risk of an accident.

Product Handling

General Statement on Handling and Use

You alone are responsible for how you use your phone and any consequences of its use.

You must always turn off your phone wherever the use of a phone is prohibited. Use of your phone is subject to safety measures designed to protect users and their environment.

- Always treat your phone and its accessories with care and keep it in a clean and dust-free place.
- Do not expose your phone or its accessories to open flames or lit tobacco products.

- Do not expose your phone or its accessories to liquid, moisture or high humidity.
- Do not drop, throw or try to bend your phone or its accessories.
- Do not use harsh chemicals, cleaning solvents, or aerosols to clean the device or its accessories.
- Do not paint your phone or its accessories.
- Do not attempt to disassemble your phone or its accessories. Only authorized personnel can do so.
- Do not expose your phone or its accessories to extreme temperatures, minimum 23 and maximum 122 degrees Fahrenheit.
- Please check local regulations for disposal of electronic products.
- Do not carry your phone in your back pocket as it could break when you sit down.

Small Children

Do not leave your phone and its accessories within the reach of small children or allow them to play with it.

They could hurt themselves or others, or could accidentally damage the phone.

Your phone contains small parts with sharp edges that may cause an injury or may become detached and create a choking hazard.

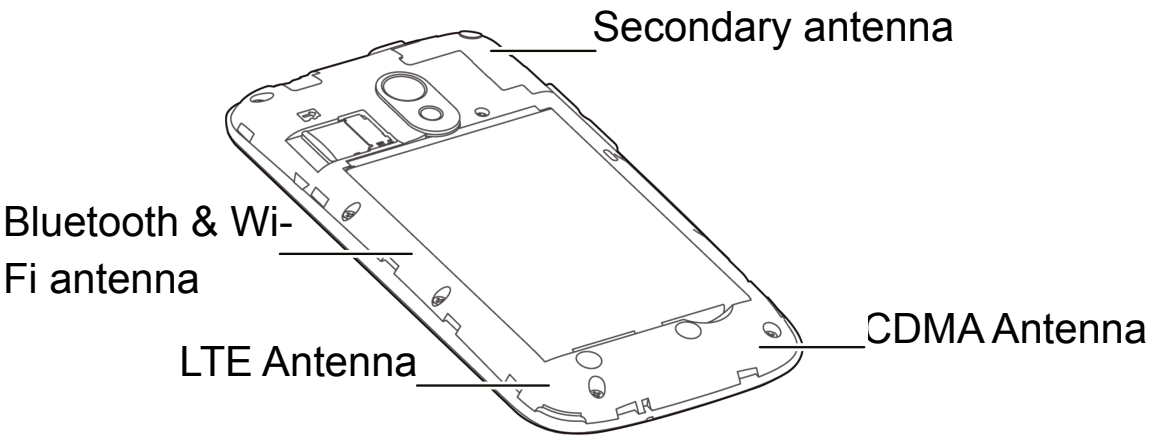
Demagnetization

To avoid the risk of demagnetization, do not allow electronic devices or magnetic media to be close to your phone for a long time.

Electrostatic Discharge (ESD)

Do not touch the UICC card's metal connectors.

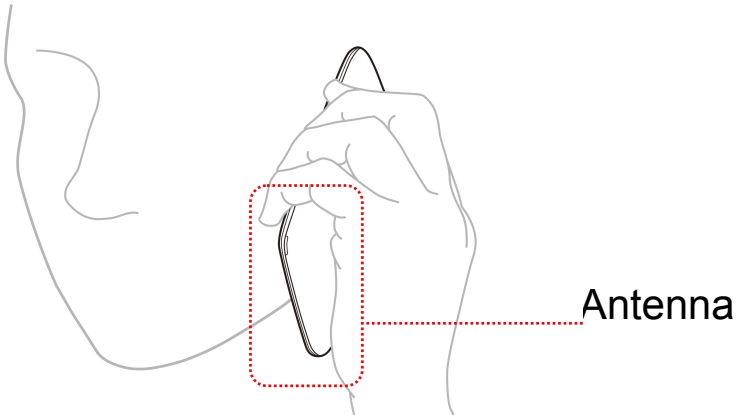
Antenna

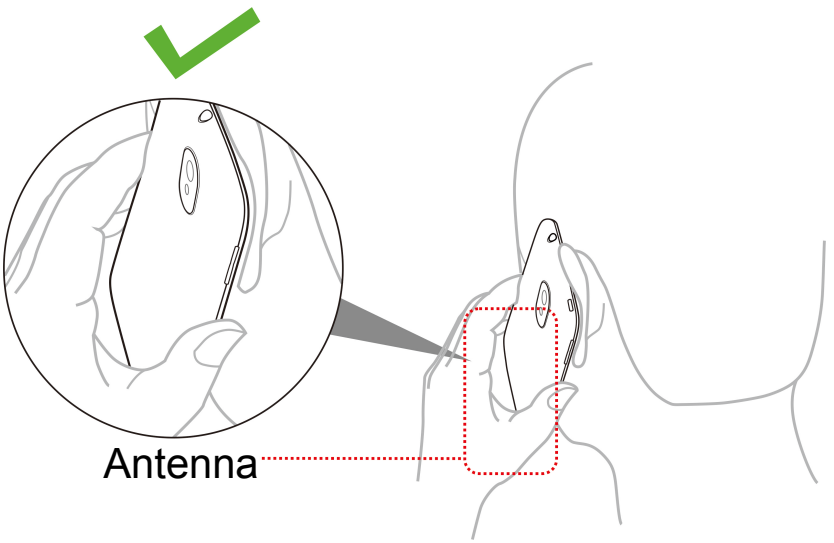


Do not touch the antenna unnecessarily.

Normal Use Position

When placing or receiving a phone call, hold your phone to your ear, with the bottom towards your mouth.





Air Bags

Do not place a phone in the area over an air bag or in the air bag deployment area as an airbag inflates with great force and serious injury could result.

Store the phone safely before driving your vehicle.

Seizures/Blackouts

The phone can produce a bright or flashing light. A small percentage of people may be susceptible to blackouts or seizures (even if they have never had one before) when exposed to flashing lights or light patterns such as when playing games or watching video. If you have experienced seizures or

blackouts or have a family history of such occurrences, please consult a physician.

Repetitive Strain Injuries

To minimize the risk of Repetitive Strain Injury (RSI) when texting or playing games with your phone:

- Do not grip the phone too tightly.
- Press the buttons lightly.
- Use the special features which are designed to minimize the times of pressing buttons, such as Message Templates and Predictive Text.
- Take many breaks to stretch and relax.

Emergency Calls

This phone, like any wireless phone, operates using radio signals, which cannot guarantee connection in all conditions. Therefore, you must never rely solely on any wireless phone for emergency communications.

Loud Noise

This phone is capable of producing loud noises, which may damage your hearing. Turn down the volume before using headphones, Bluetooth stereo headsets or other audio devices.

Phone Heating

Your phone may become warm during charging and during normal use.

Electrical Safety

Accessories

Use only approved accessories.

Do not connect with incompatible products or accessories.

Take care not to touch or allow metal objects, such as coins or key rings, to contact or short-circuit in the battery terminals.

Connection to a Car

Seek professional advice when connecting a phone interface to the vehicle electrical system.

Faulty and Damaged Products

Do not attempt to disassemble the phone or its accessories.

Only qualified personnel can service or repair the phone or its accessories.

If your phone (or its accessories) has been submerged in water, punctured, or subjected to a severe fall, do not use it until you have taken it to be checked at an authorized service center.

Radio Frequency Interference

General Statement on Interference

Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 15 cm be maintained between a mobile phone and a pacemaker to avoid potential interference with the pacemaker. To achieve this, use the phone on the opposite ear to your pacemaker and do not carry it in a breast pocket.

Hearing Aids

People with hearing aids or other cochlear implants may experience interfering noises when using wireless devices or when one is nearby.

The level of interference will depend on the type of hearing device and the distance from the interference source. Increasing the separation between them may reduce the interference. You may also consult your hearing aid manufacturer to discuss alternatives.

Medical Devices

Please consult your doctor and the device manufacturer to

determine if operation of your phone may interfere with the operation of your medical device.

Hospitals

Turn off your wireless device when requested to do so in hospitals, clinics or health care facilities. These requests are designed to prevent possible interference with sensitive medical equipment.

Aircraft

Turn off your wireless device whenever you are instructed to do so by airport or airline staff.

Consult the airline staff about the use of wireless devices onboard the aircraft. Enable airplane mode prior to boarding an aircraft.

Interference in Cars

Please note that because of possible interference with electronic equipment, some vehicle manufacturers forbid the use of mobile phones in their vehicles unless a hands-free kit with an external antenna is included in the installation.

Explosive Environments

Gas Stations and Explosive Atmospheres

In locations with potentially explosive atmospheres, obey all

posted signs to turn off wireless devices such as your phone or other radio equipment.

Areas with potentially explosive atmospheres include fueling areas, below decks on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles, such as grain, dust, or metal powders.

Blasting Caps and Areas

Power off your mobile phone or wireless device when in a blasting area or in areas posted power off “two-way radios” or “electronic devices” to avoid interfering with blasting operations.